

FIG.1

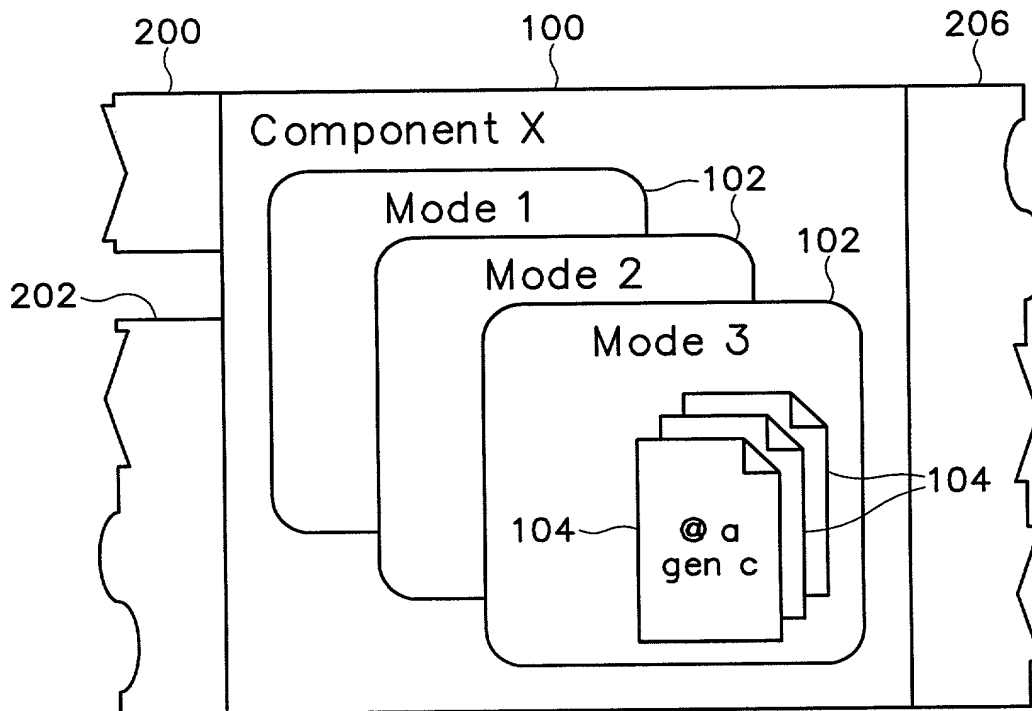
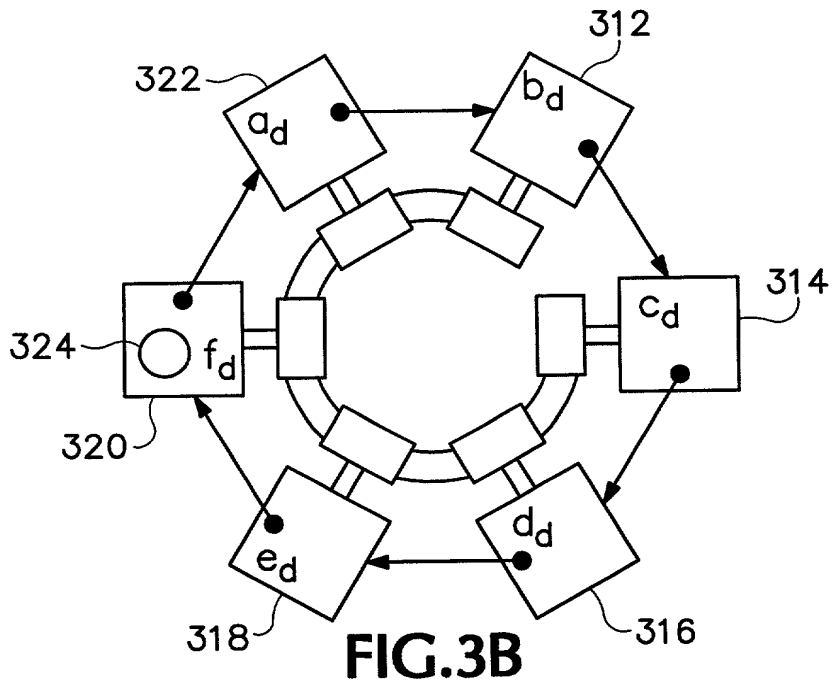
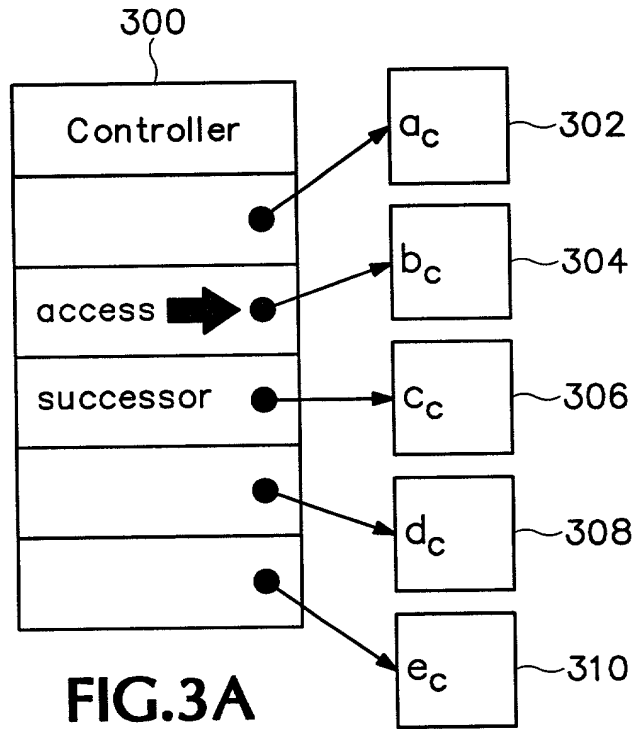


FIG.2



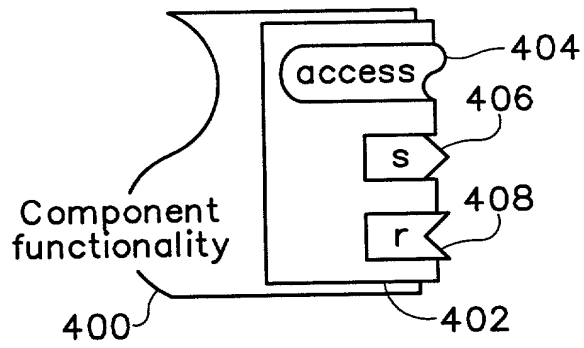


FIG. 4A

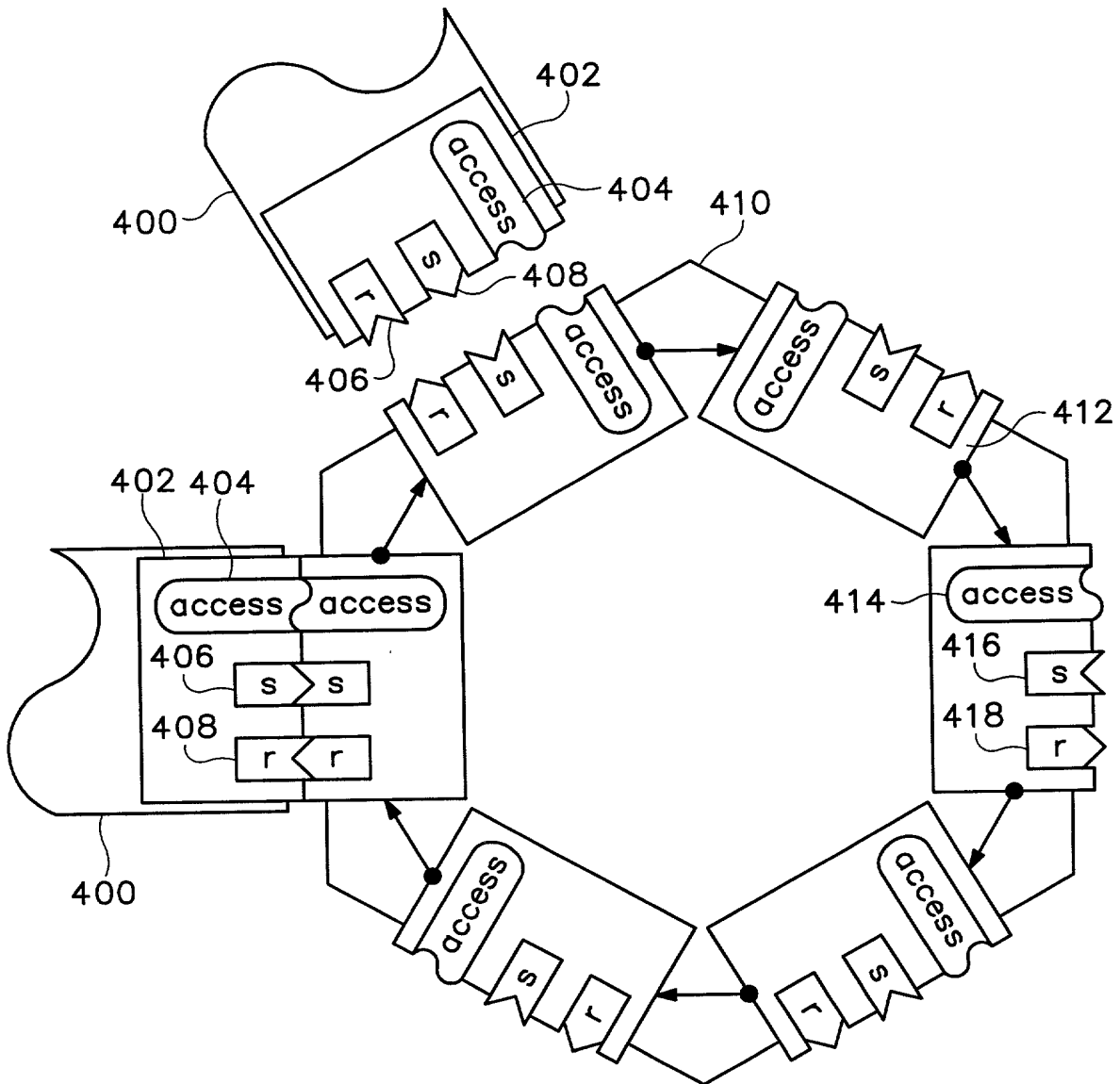


FIG. 4B

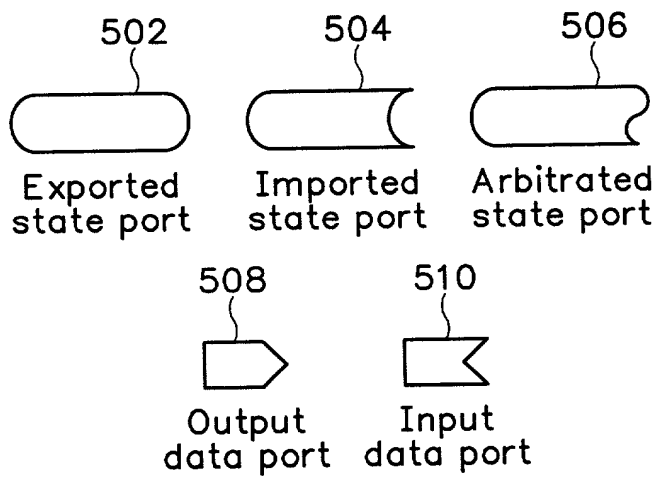


FIG. 5

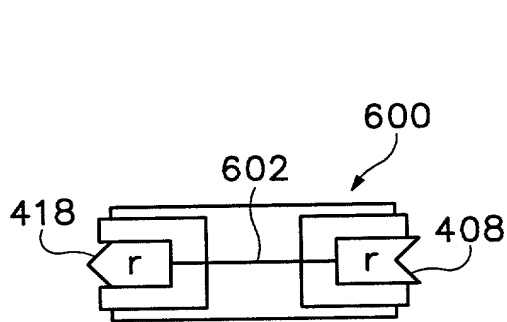


FIG. 6A

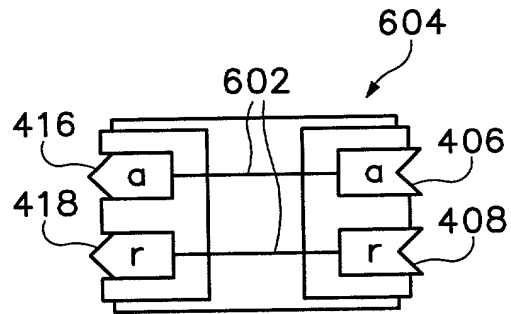


FIG. 6B

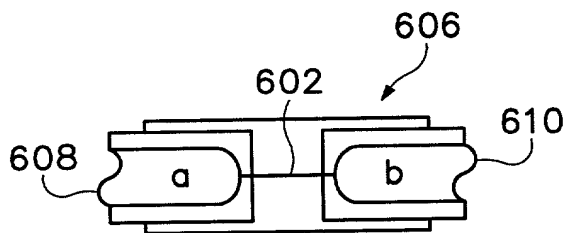


FIG. 6C

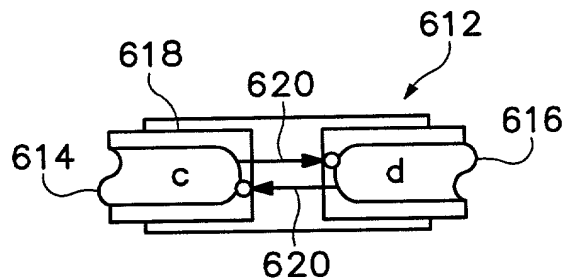
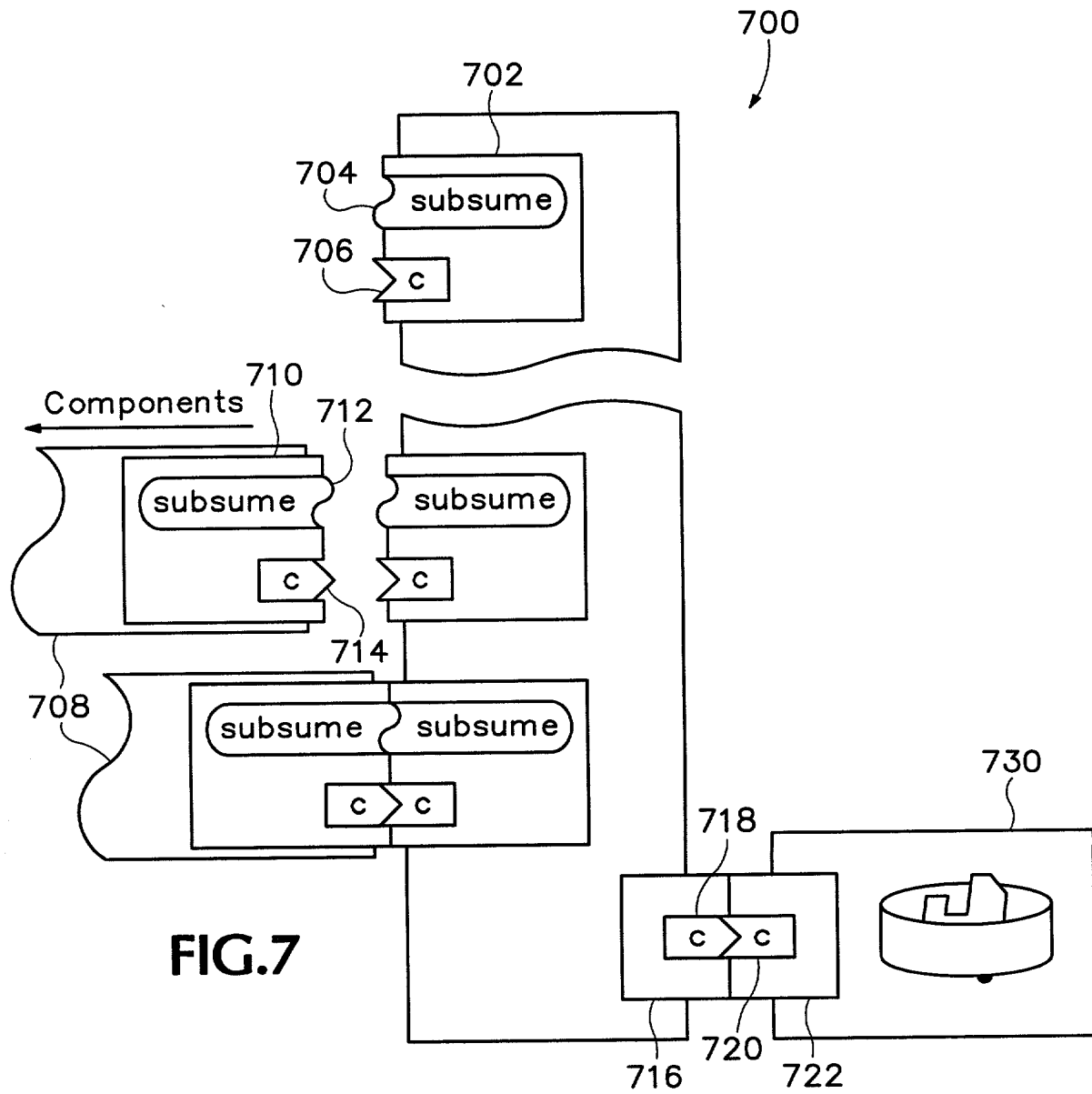


FIG. 6D



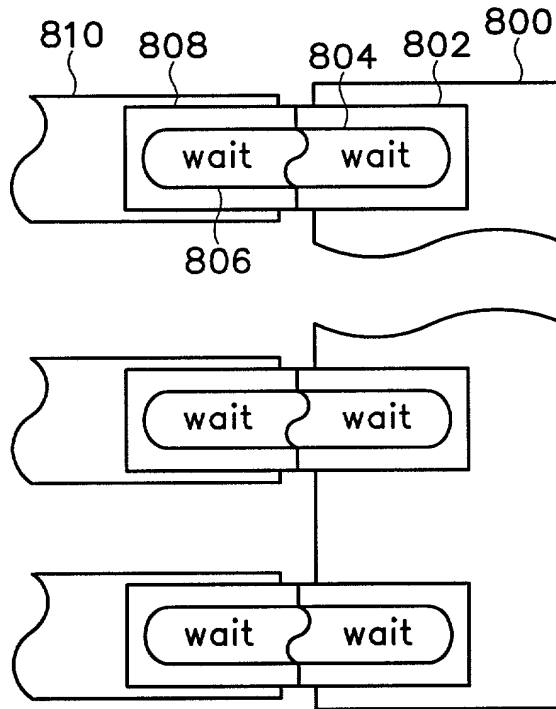


FIG. 8

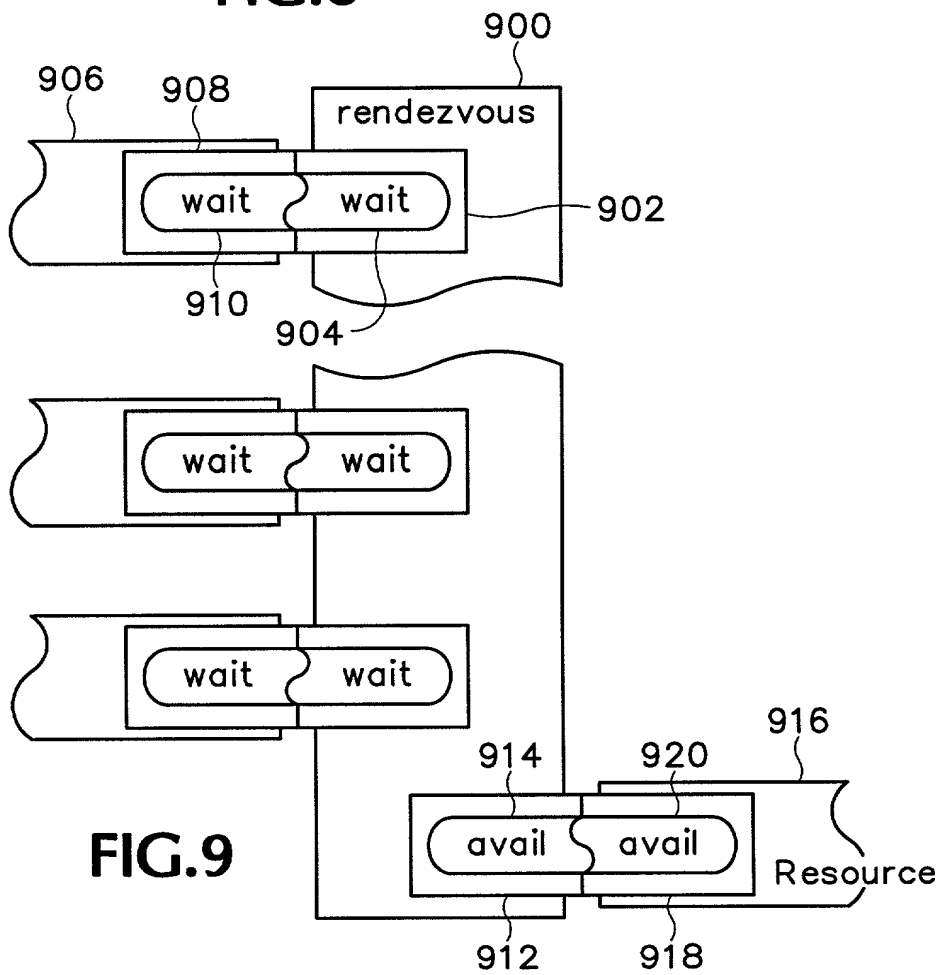


FIG. 9

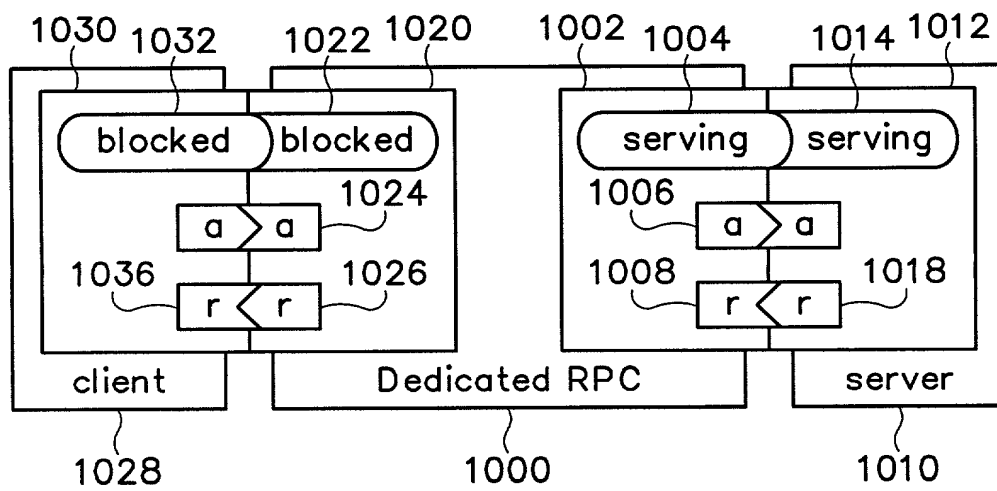


FIG.10

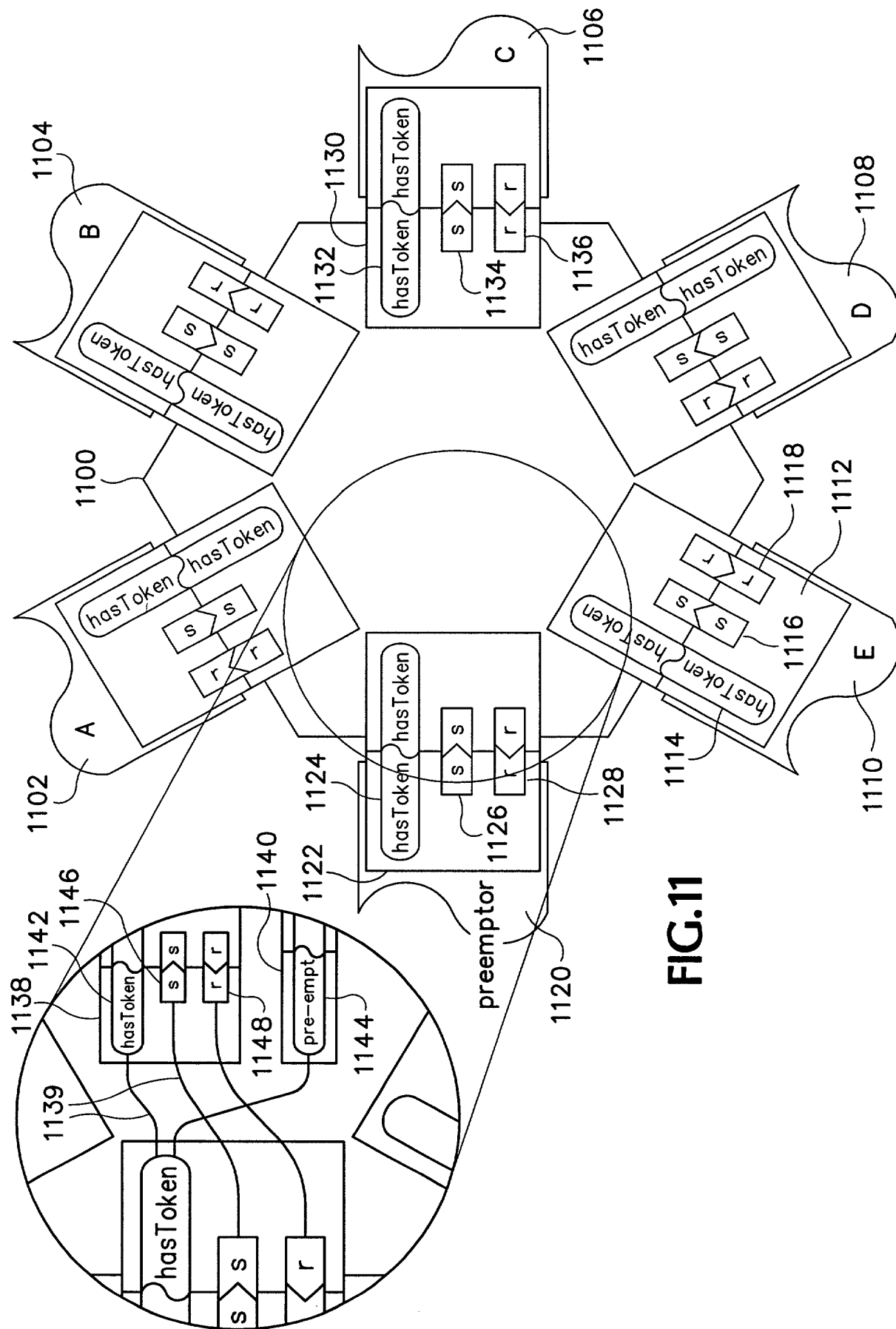


FIG.11

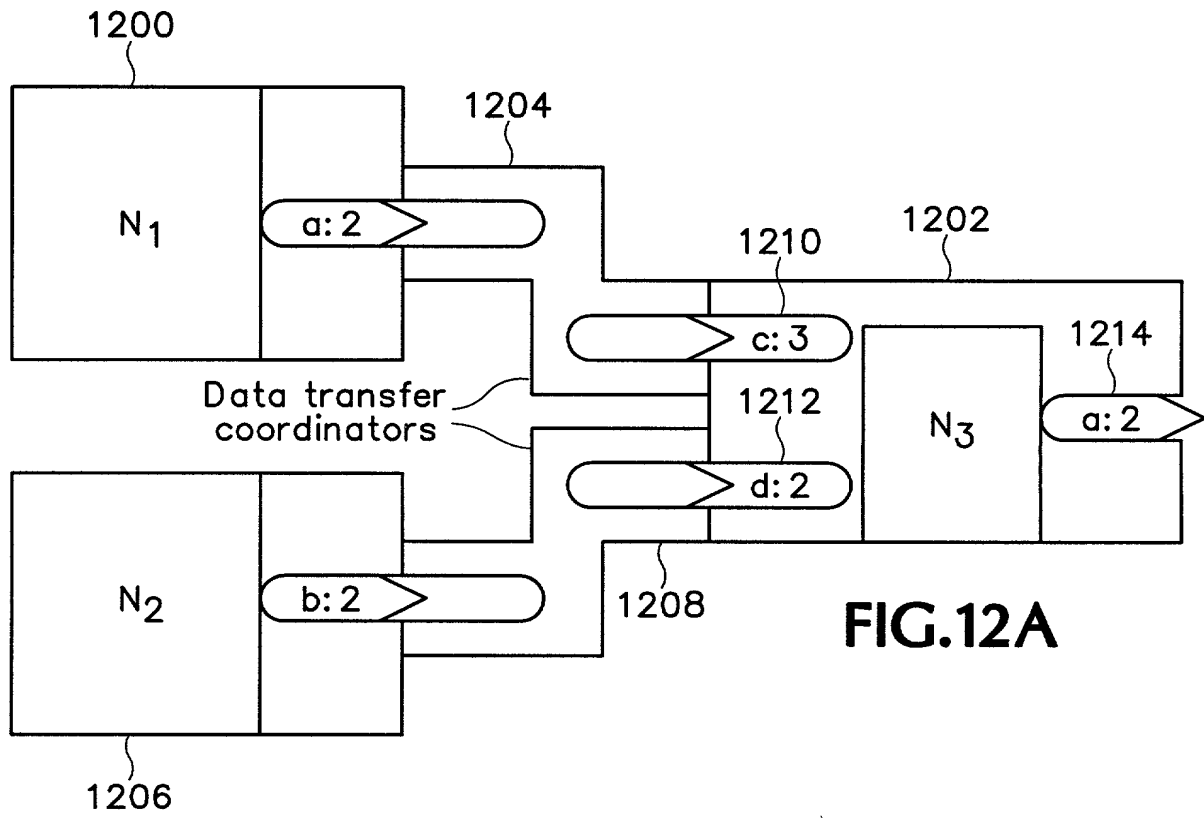


FIG. 12A

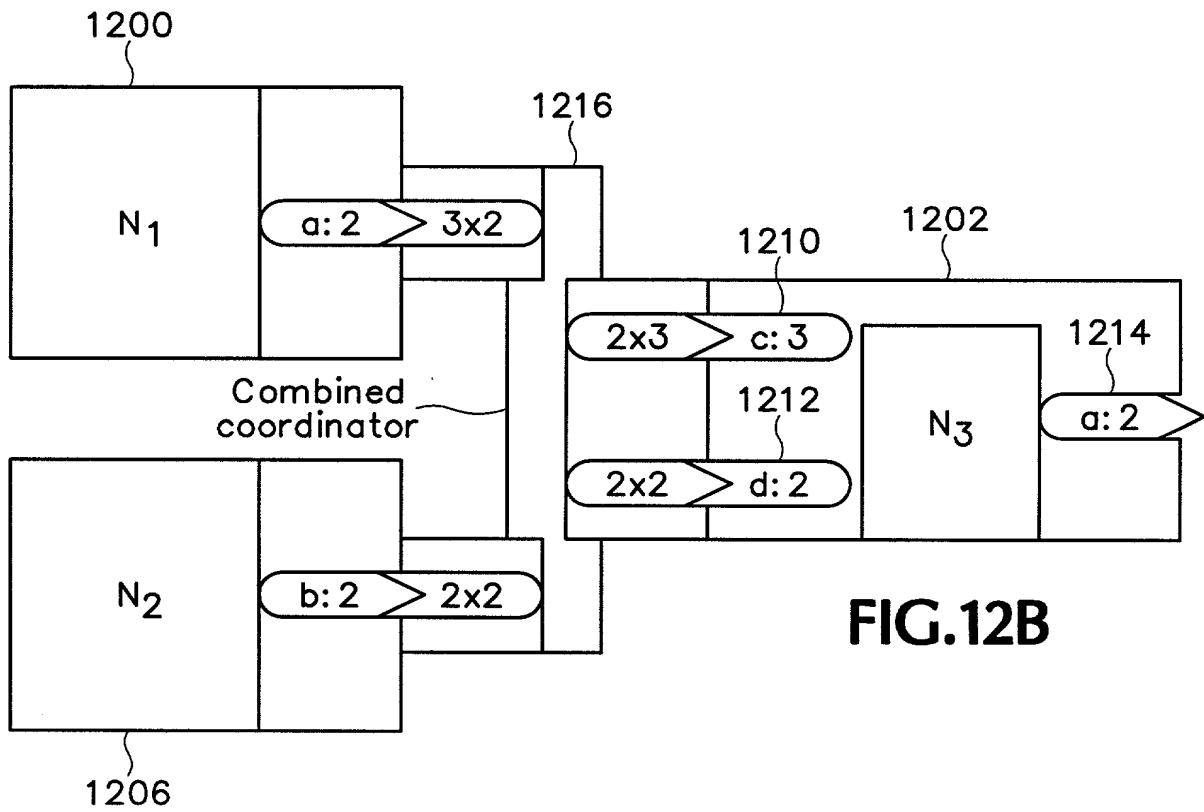


FIG. 12B

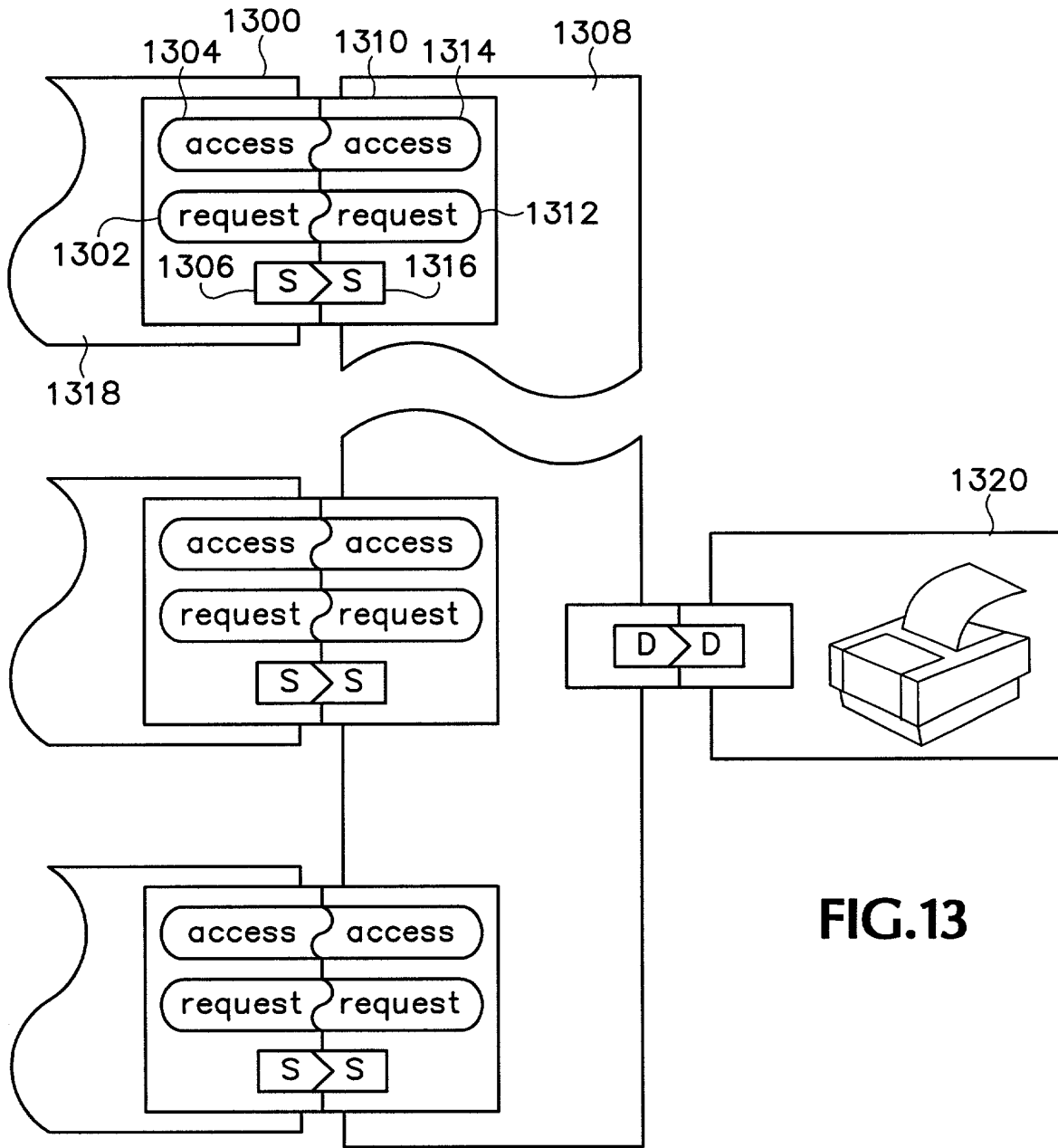
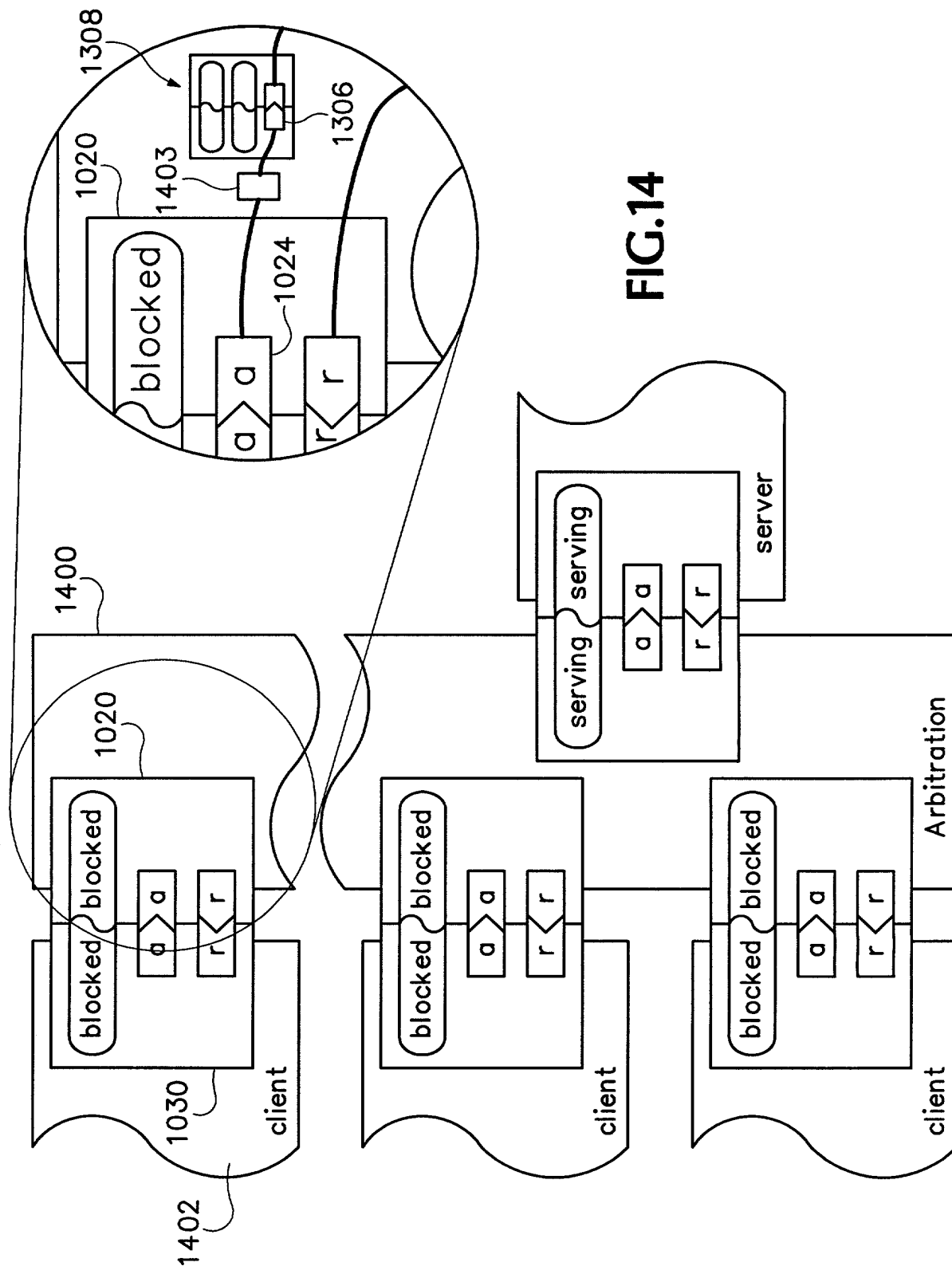


FIG.13



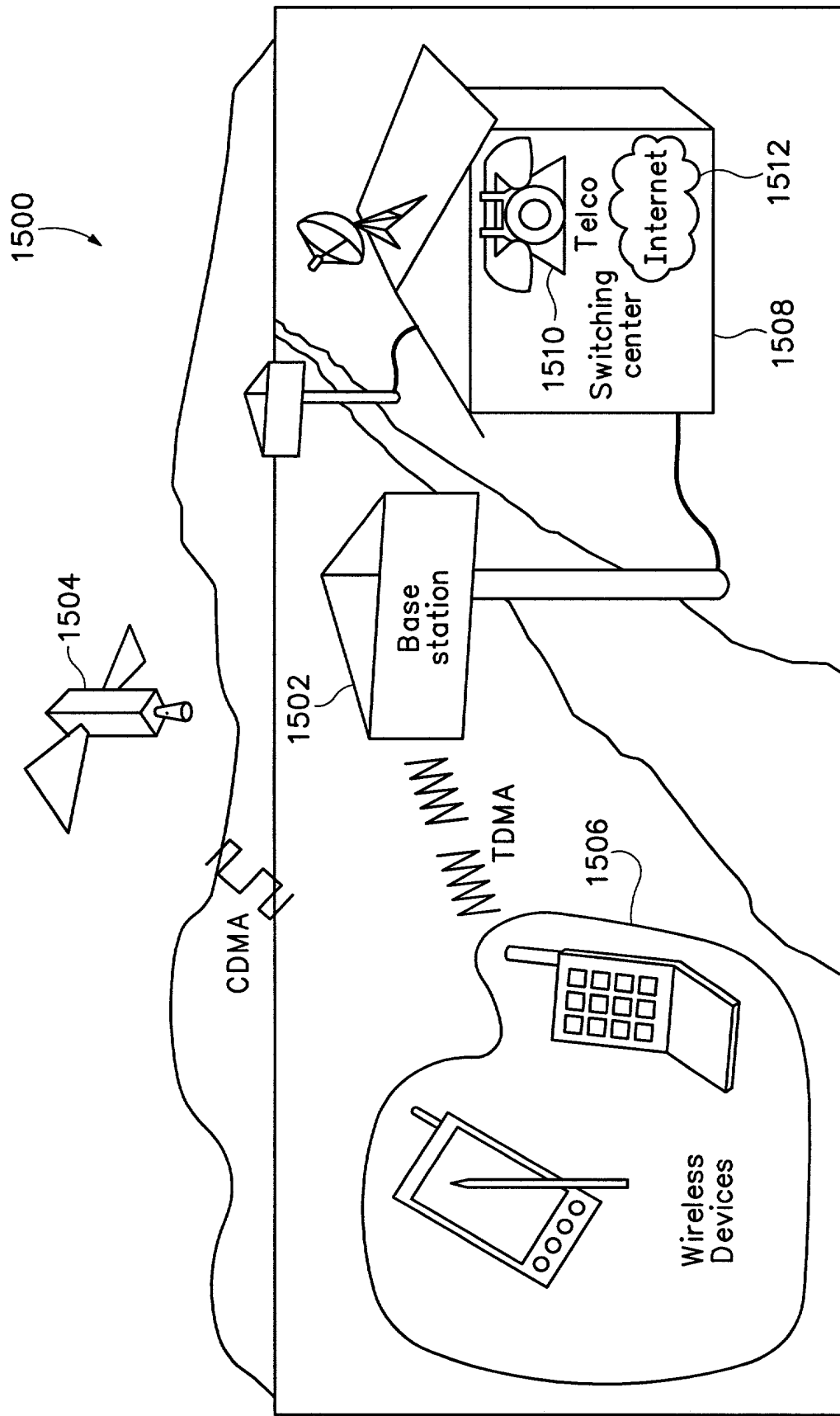


FIG.15

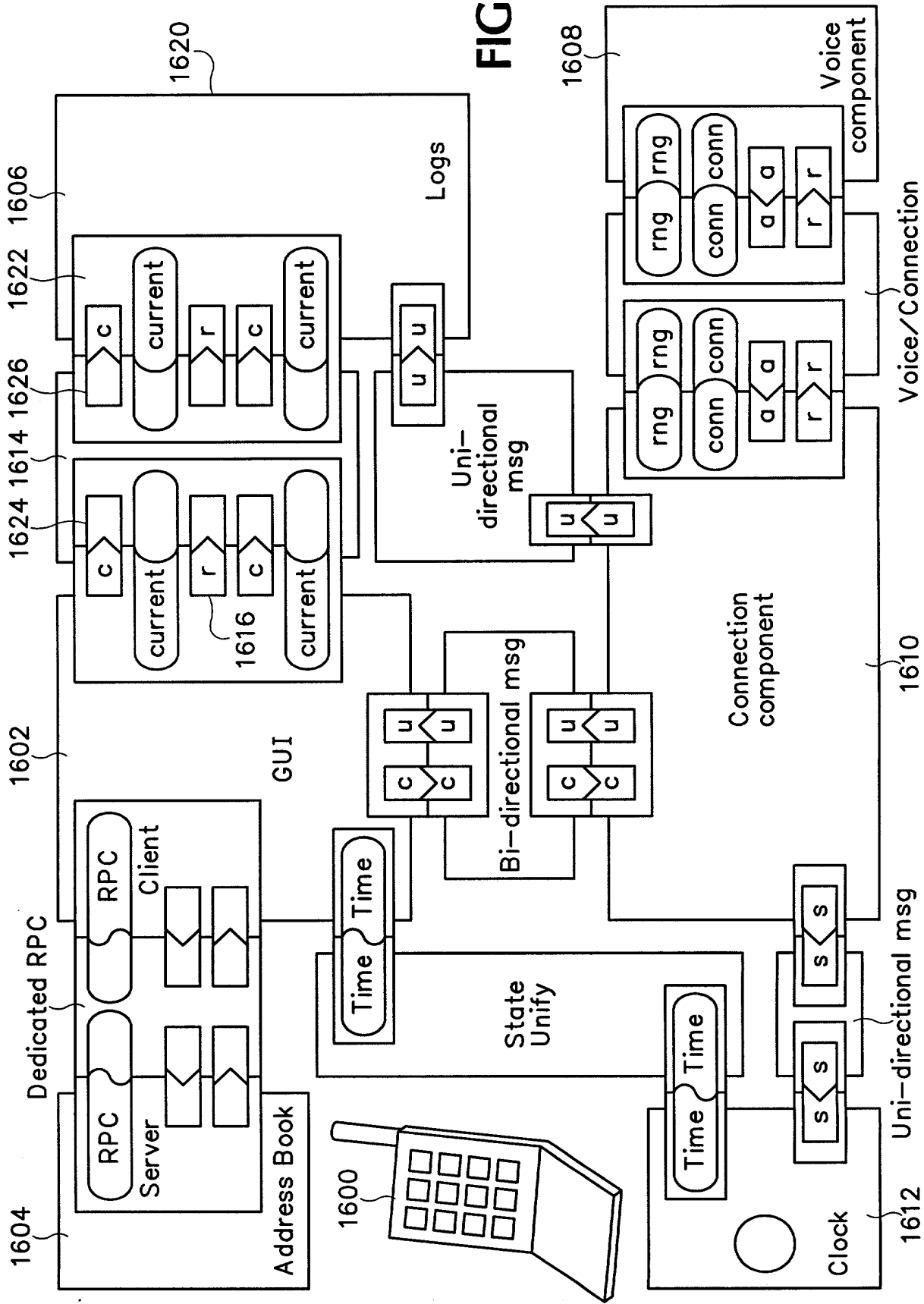


FIG. 16

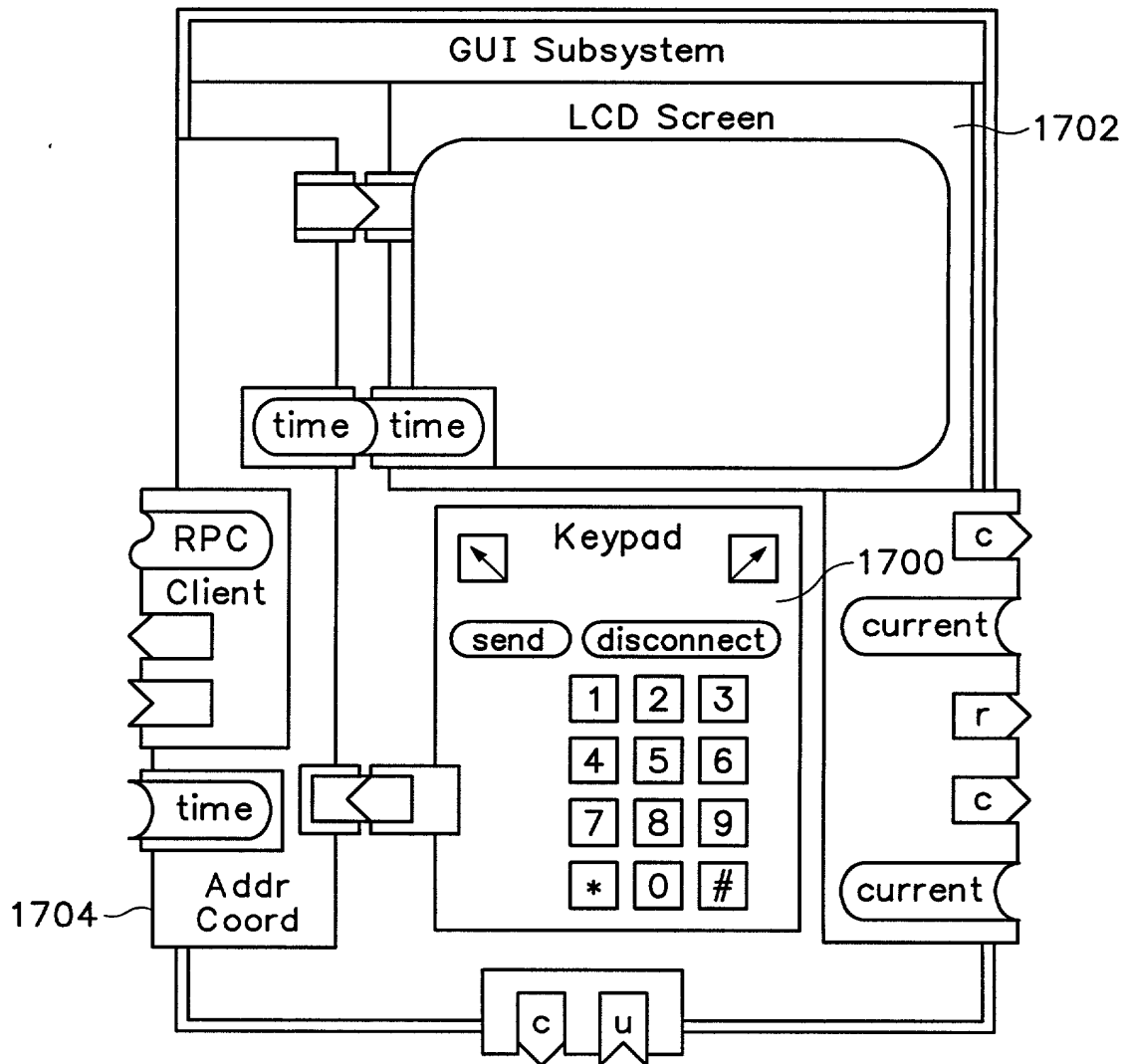
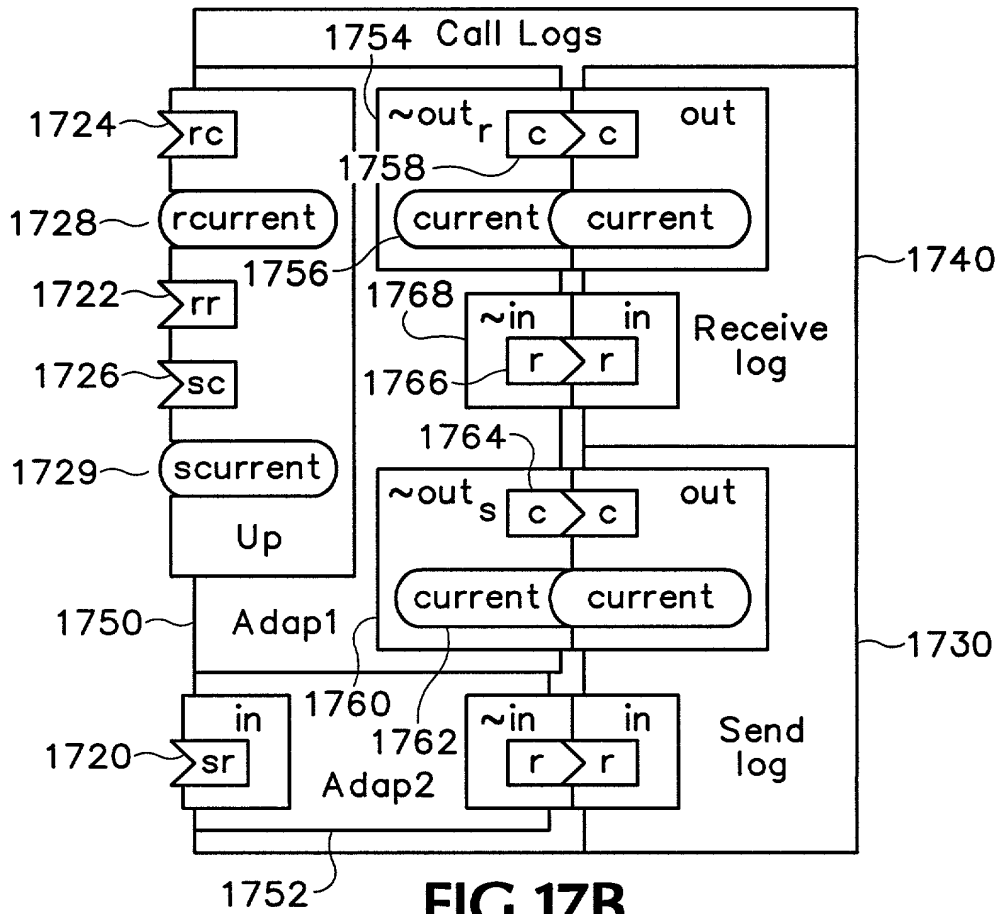


FIG.17A



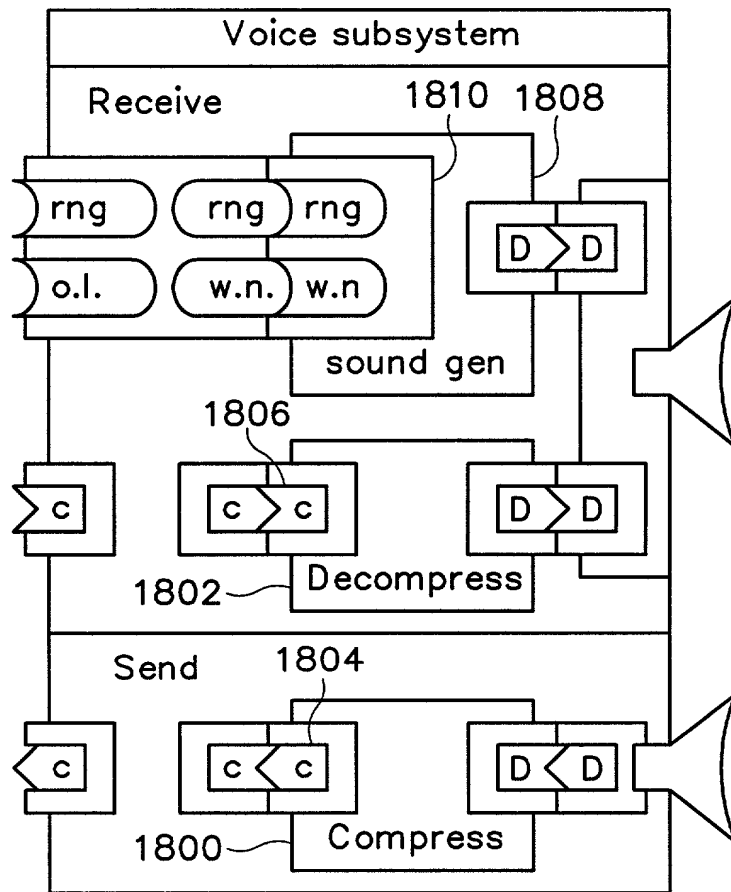


FIG.18A

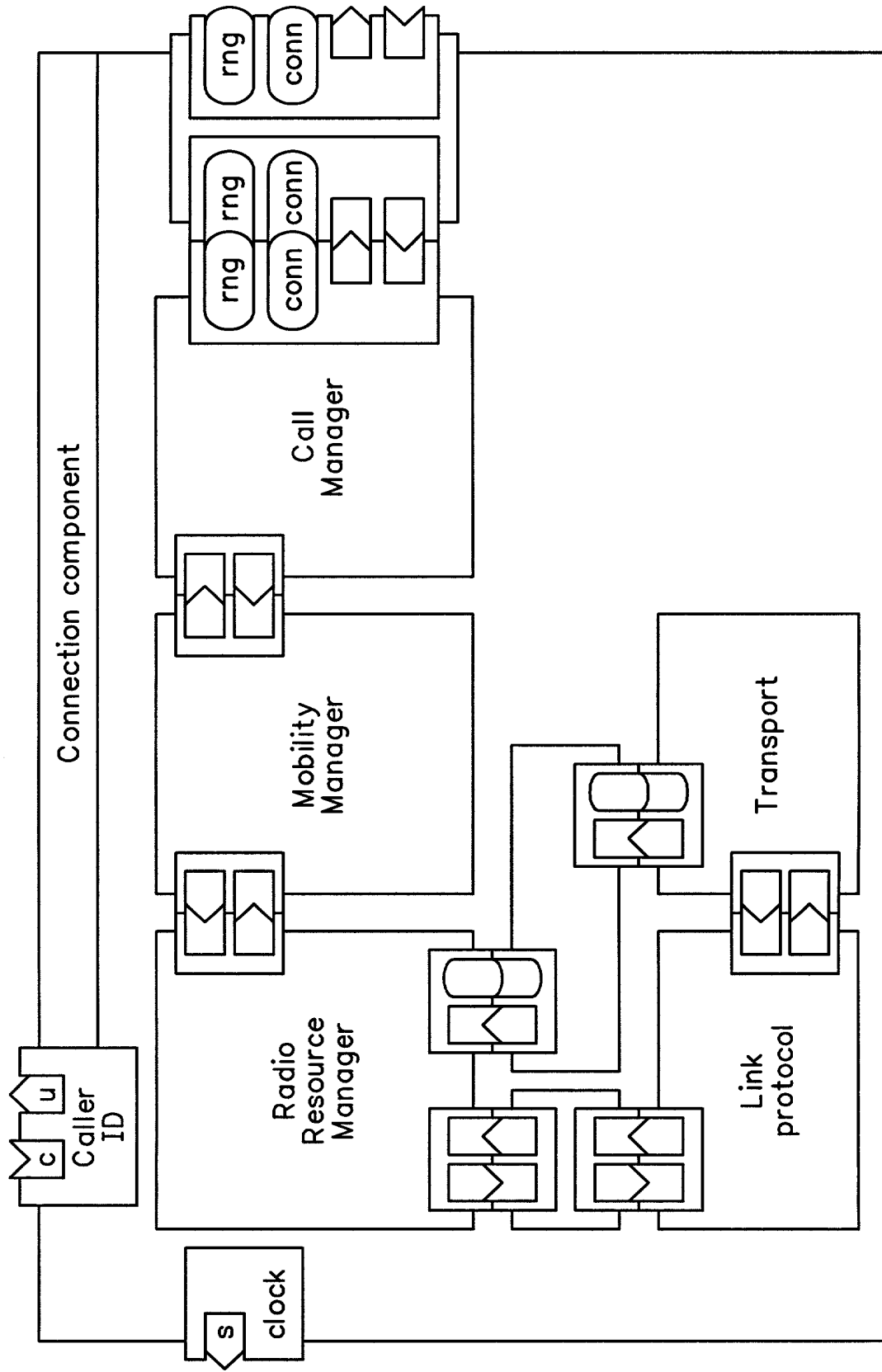


FIG.18B

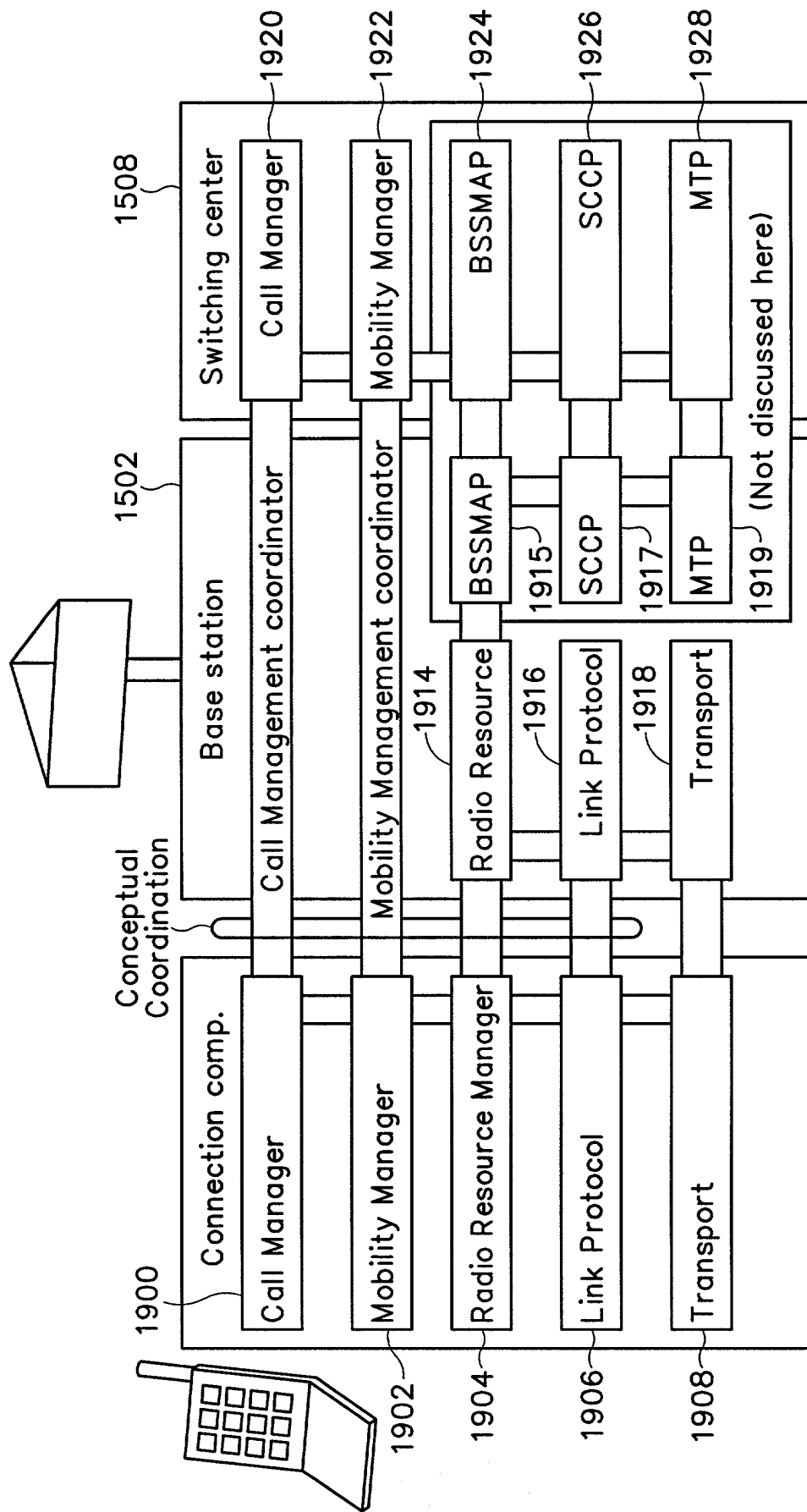


FIG.19

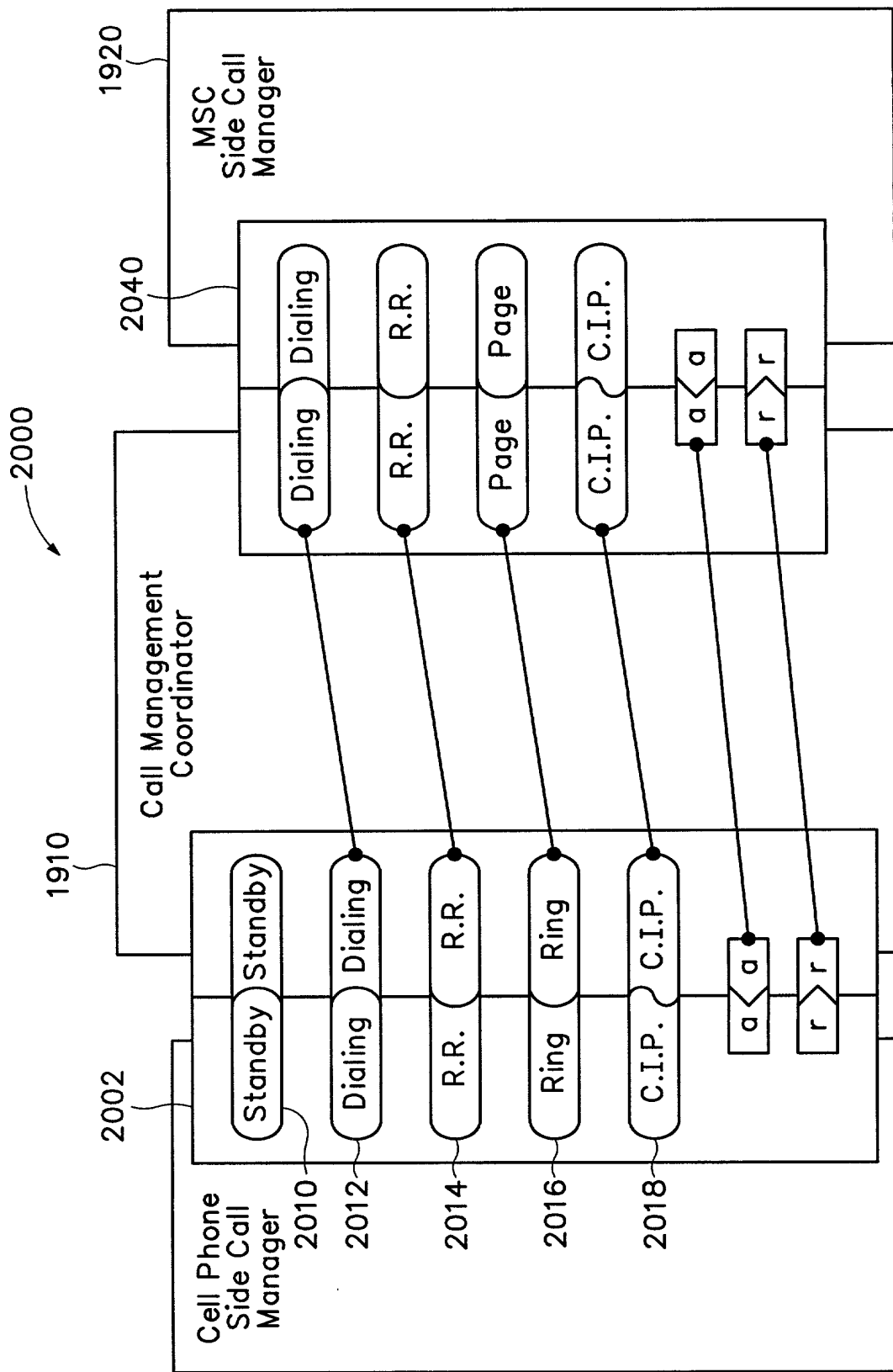


FIG.20

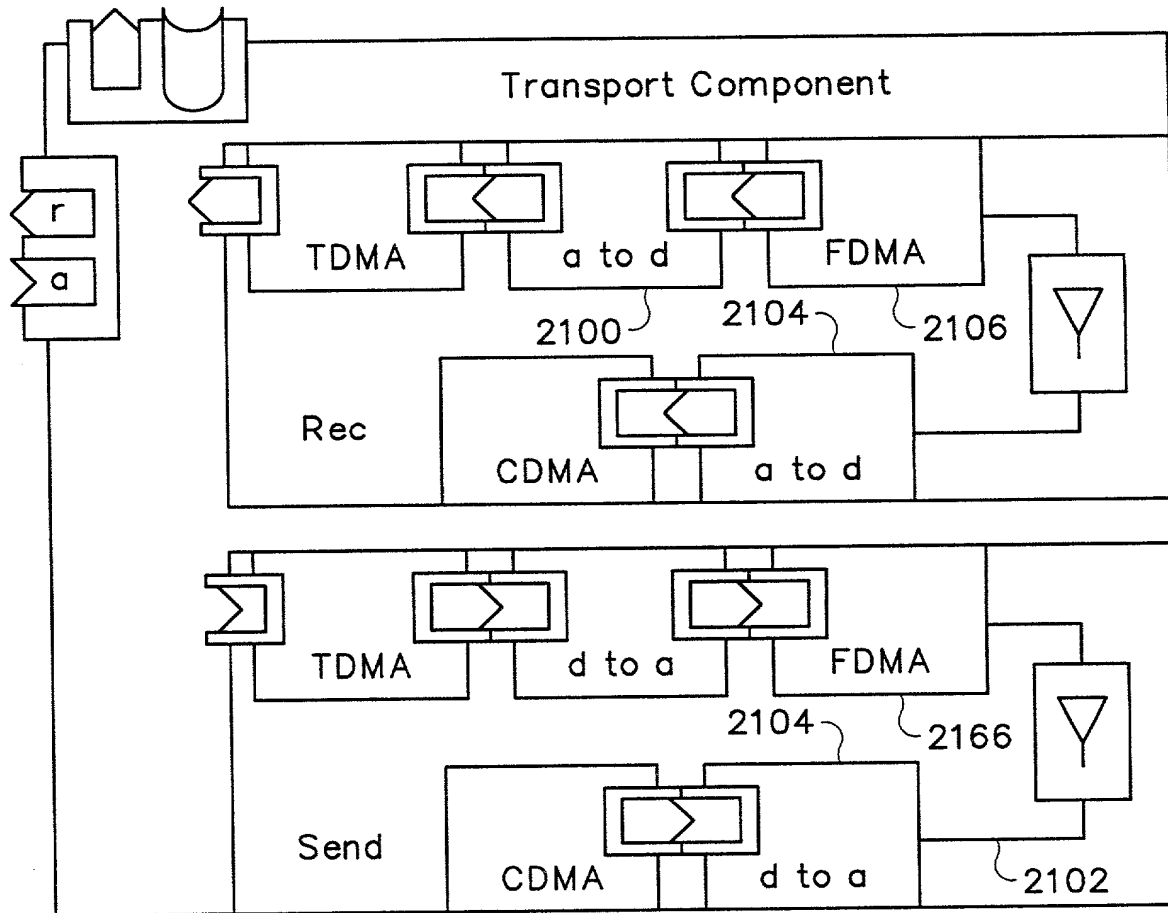
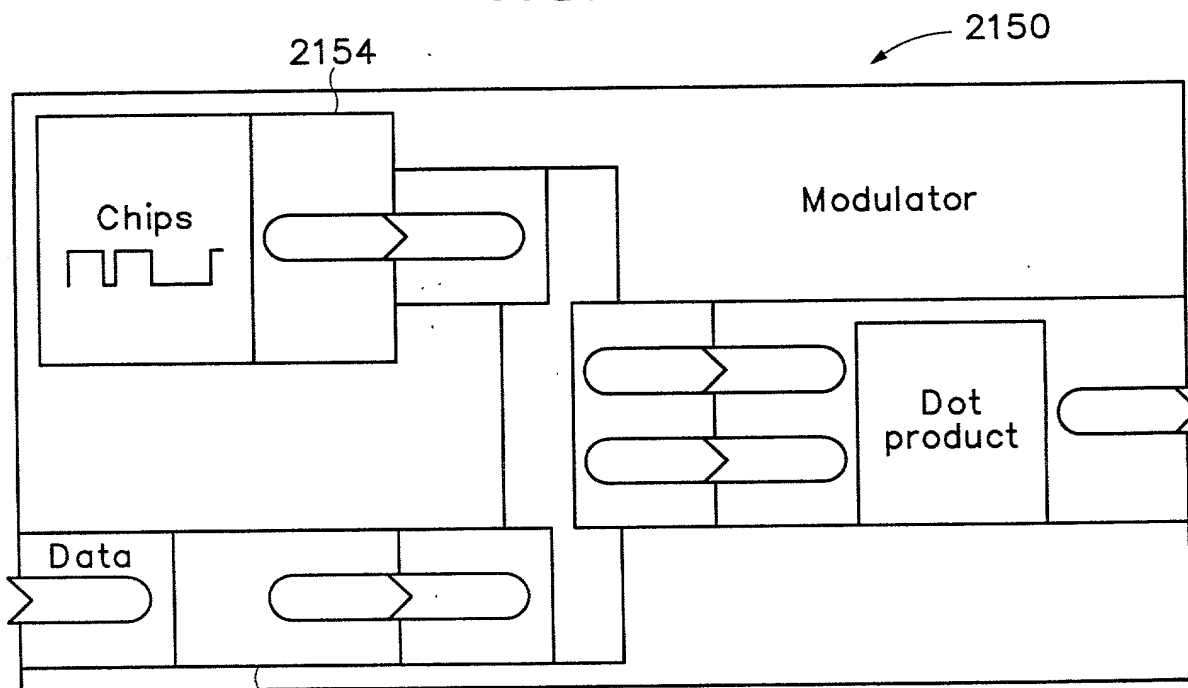


FIG.21A



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FIG.21B

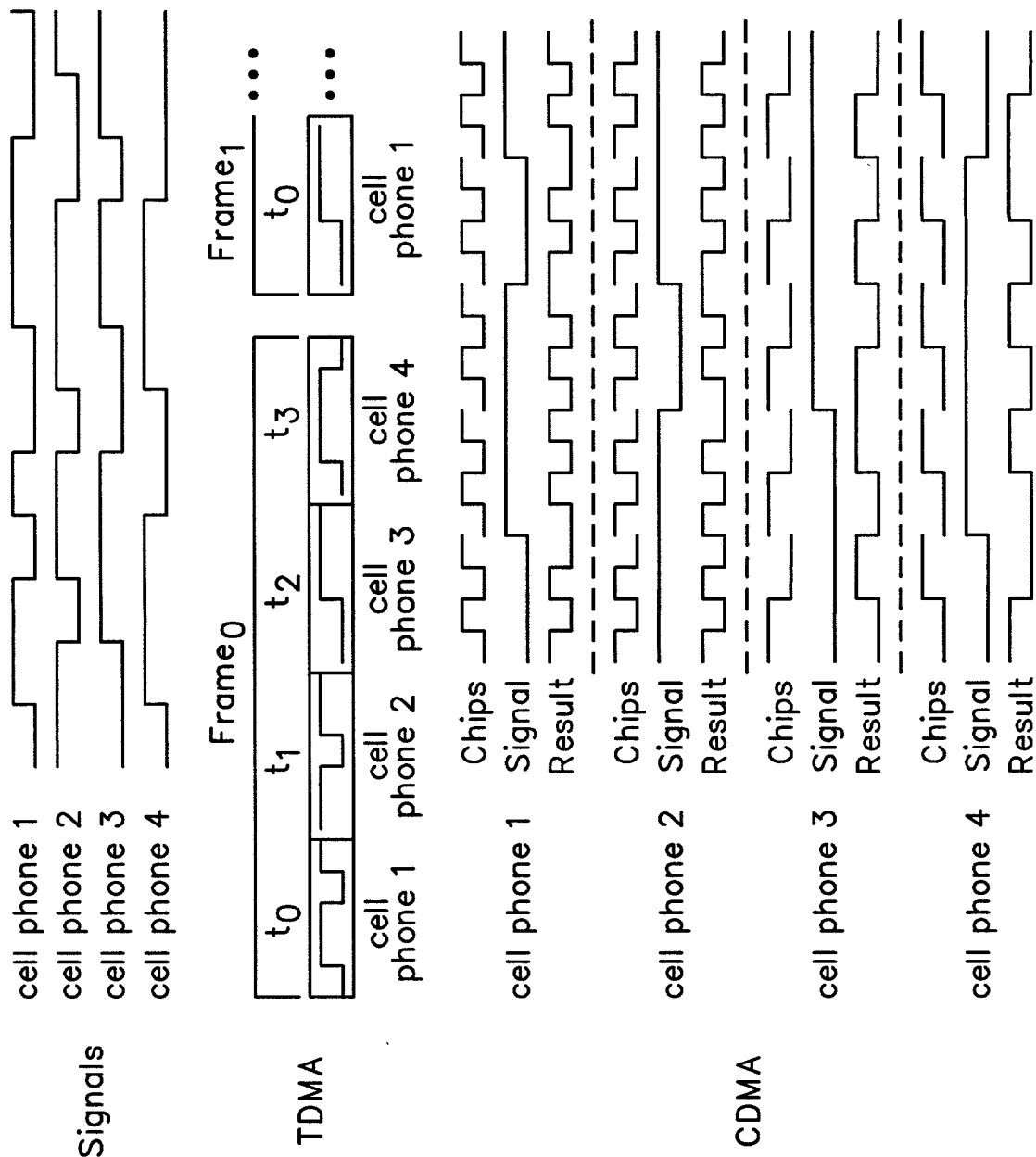


FIG.22

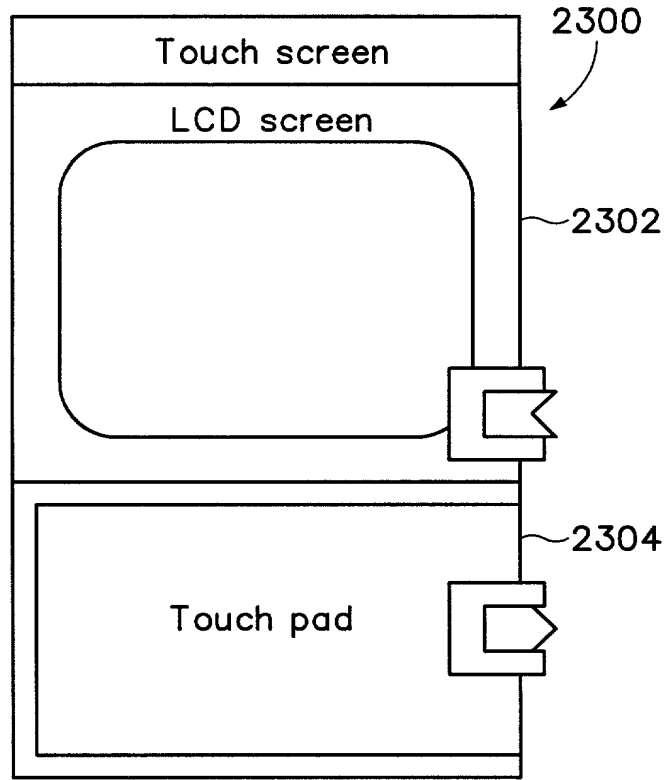


FIG.23A

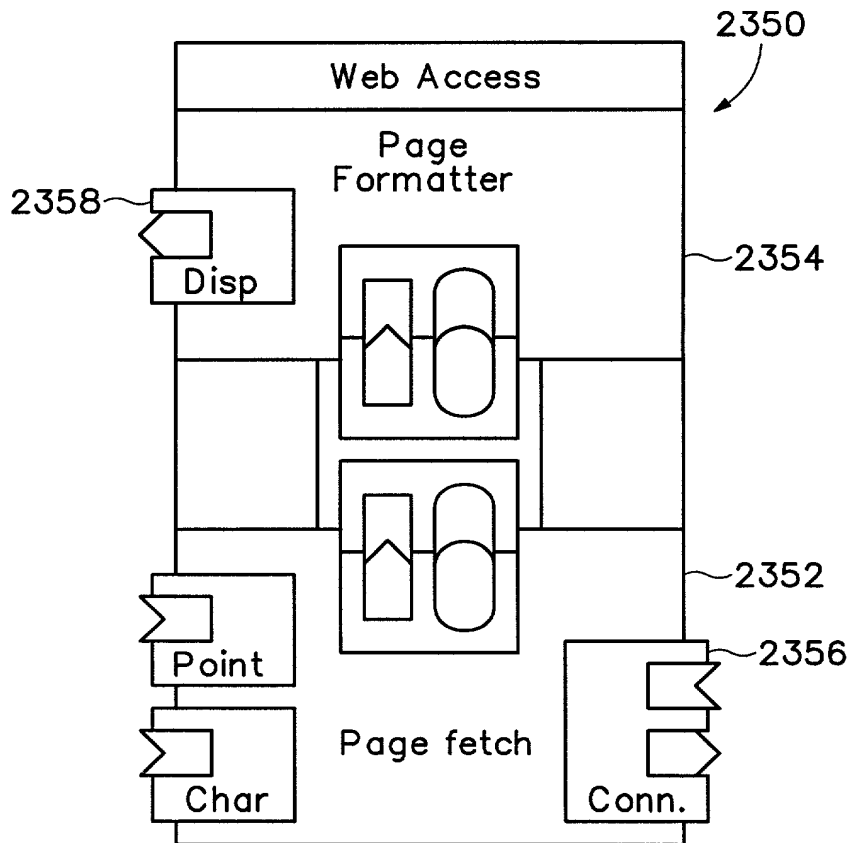
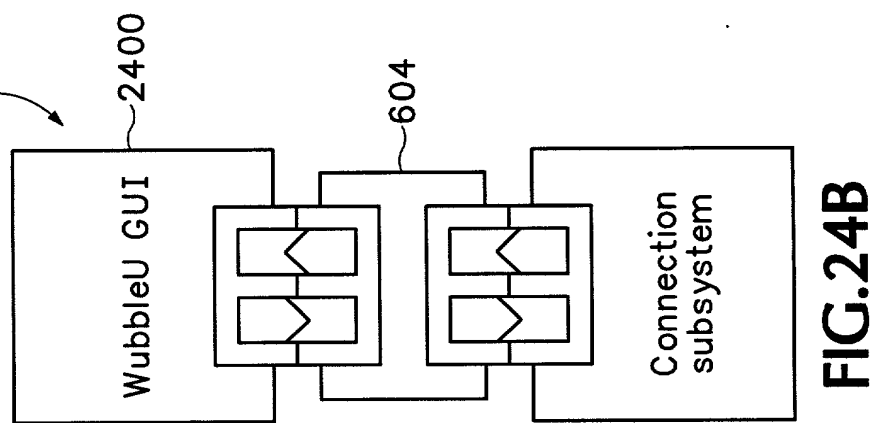
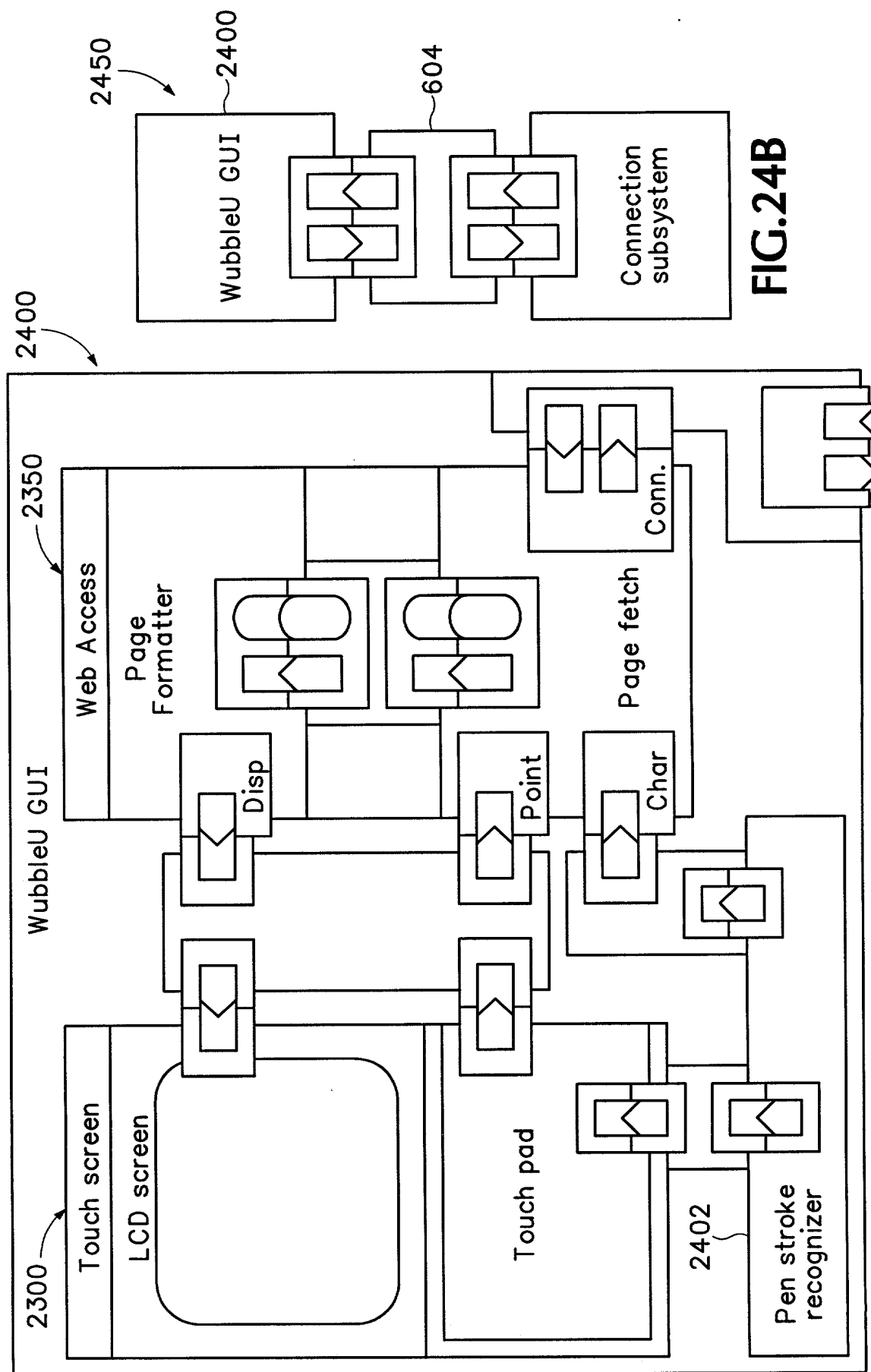


FIG.23B



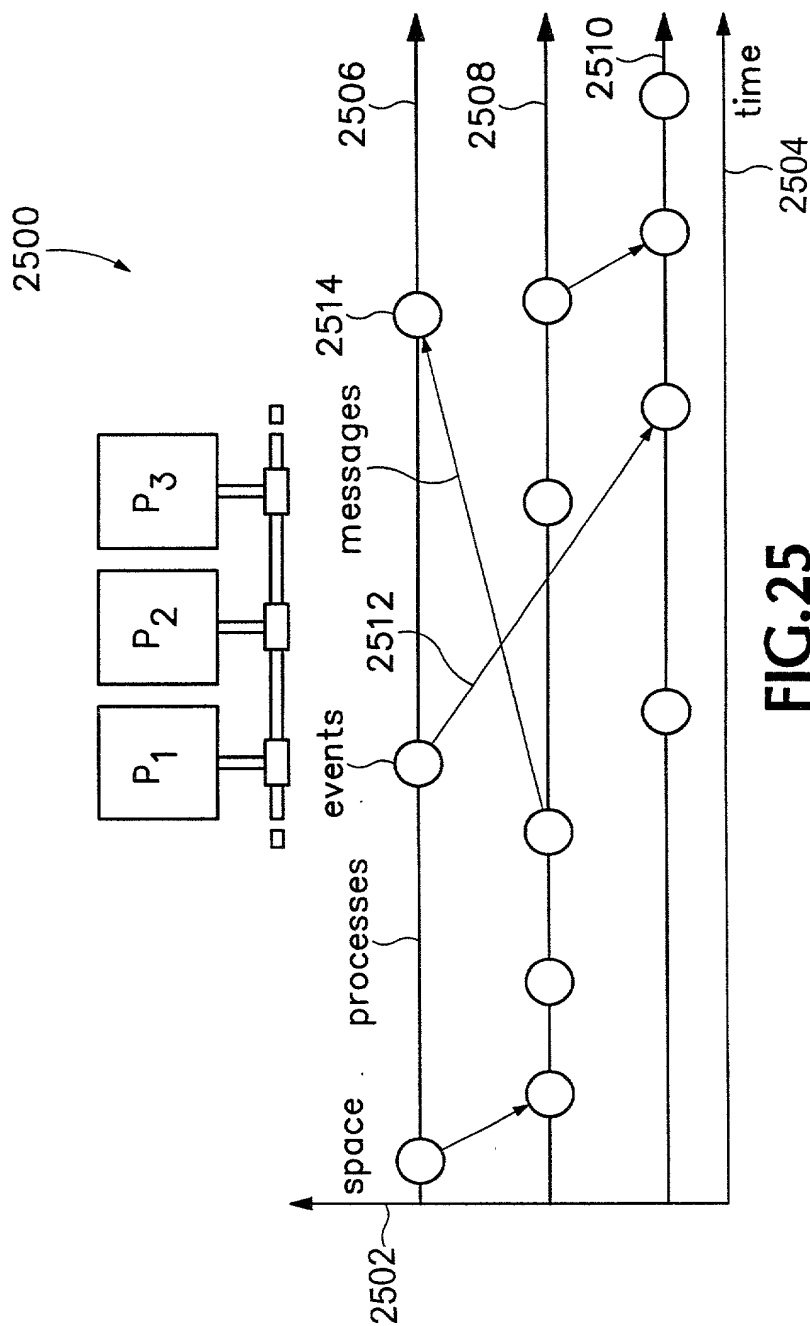


FIG. 25
(PRIOR ART)

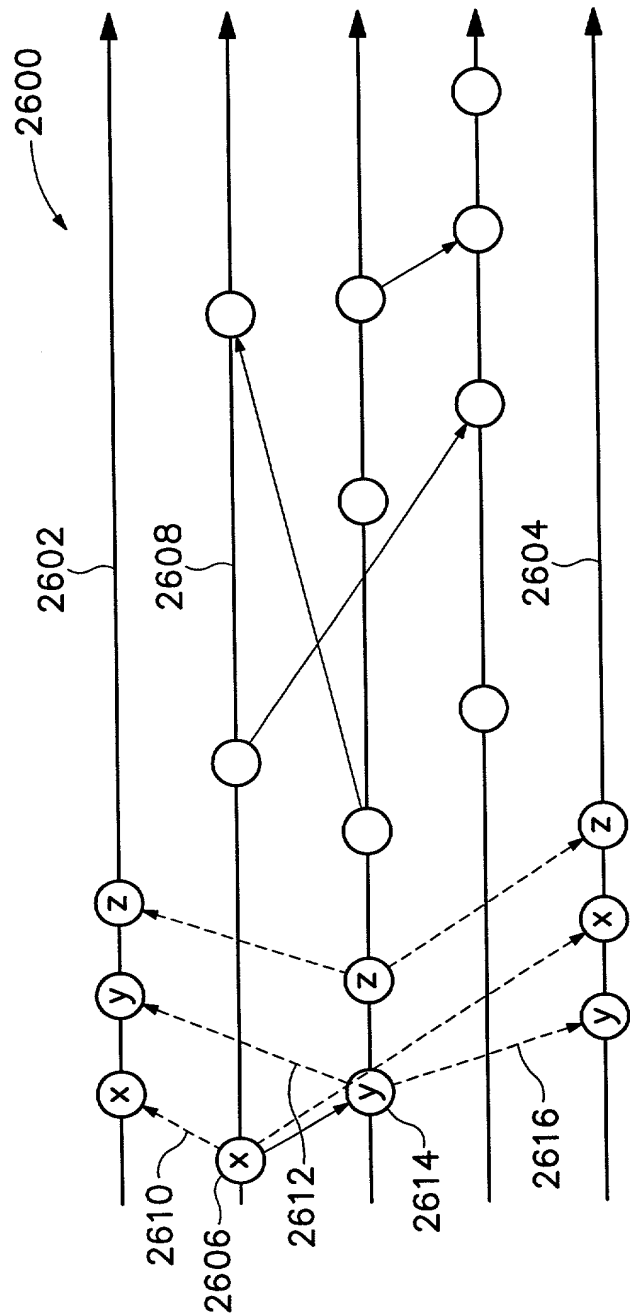


FIG. 26
(PRIOR ART)

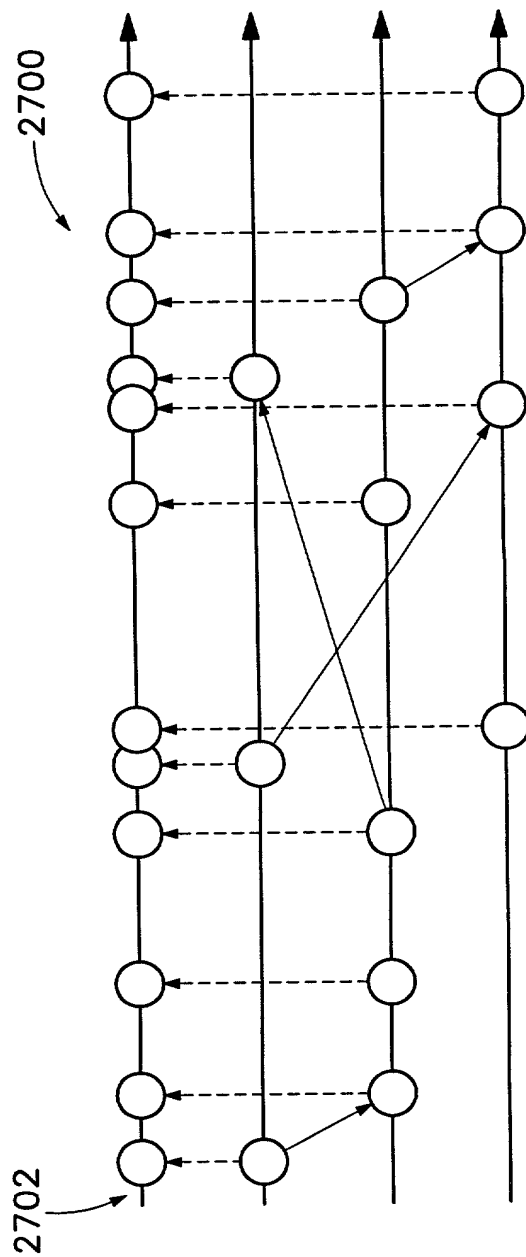


FIG. 27
(PRIOR ART)

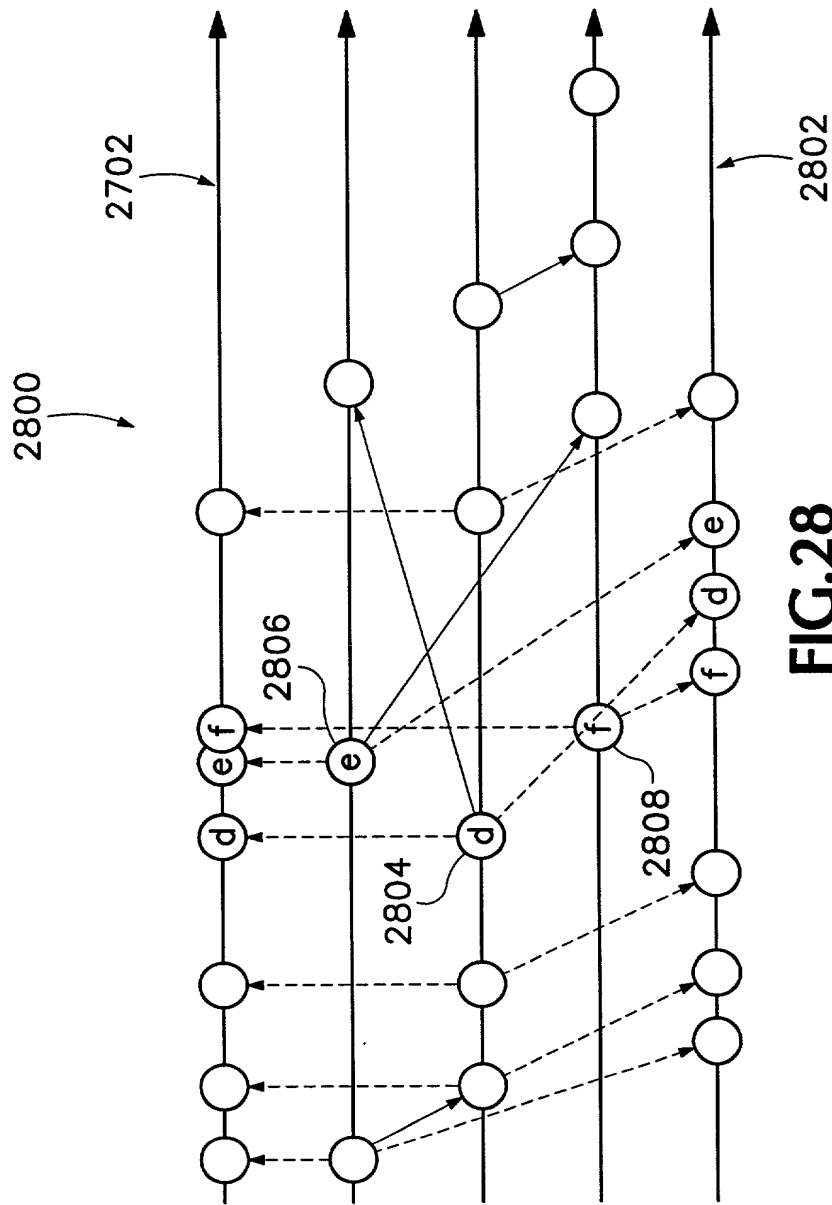


FIG. 28
(PRIOR ART)

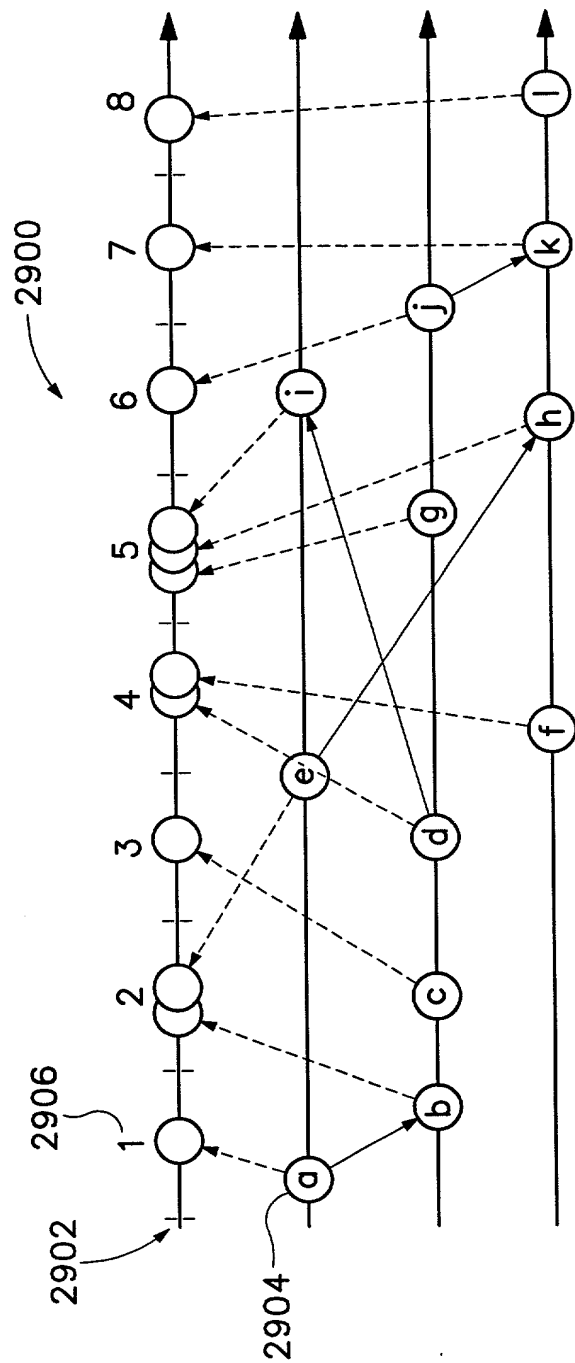


FIG. 29

(PRIOR ART)

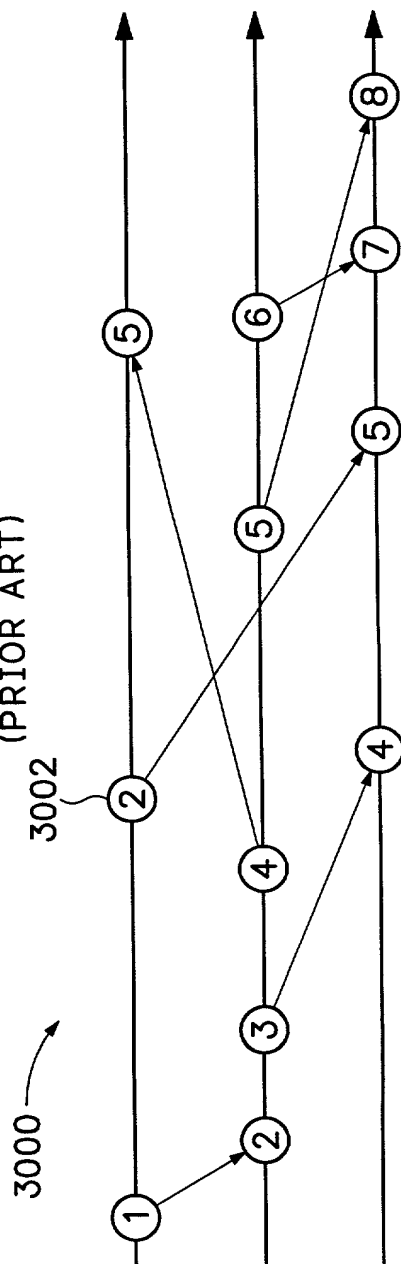
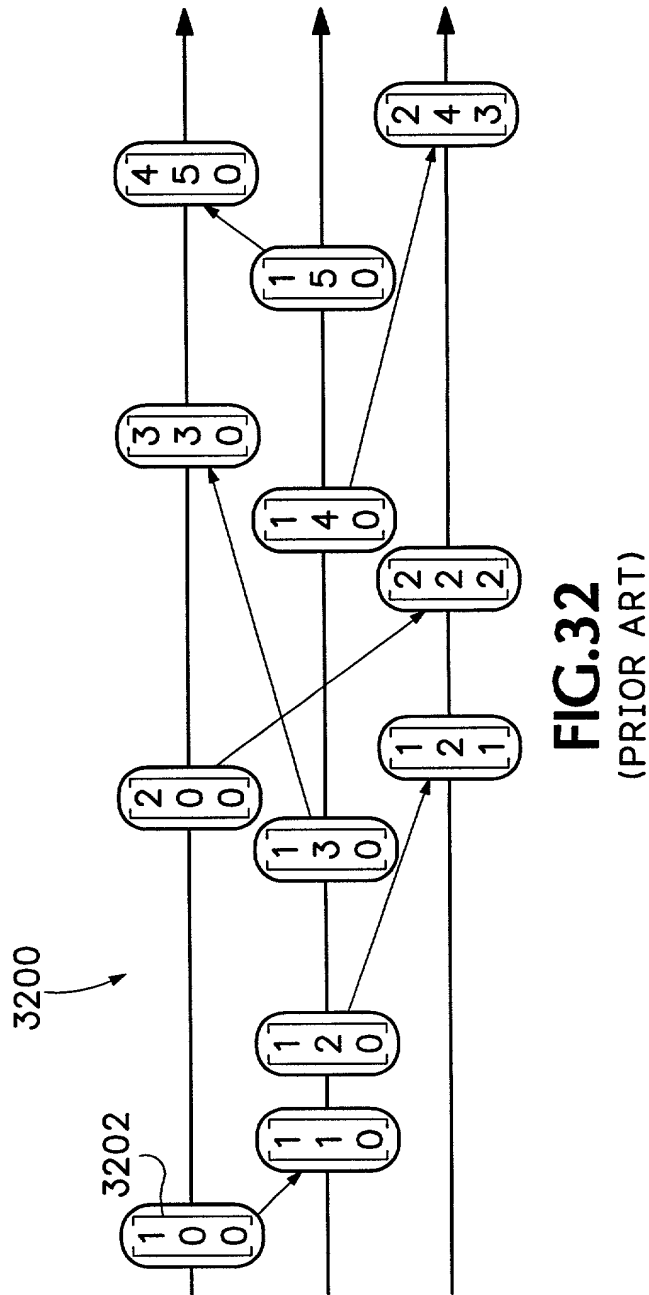
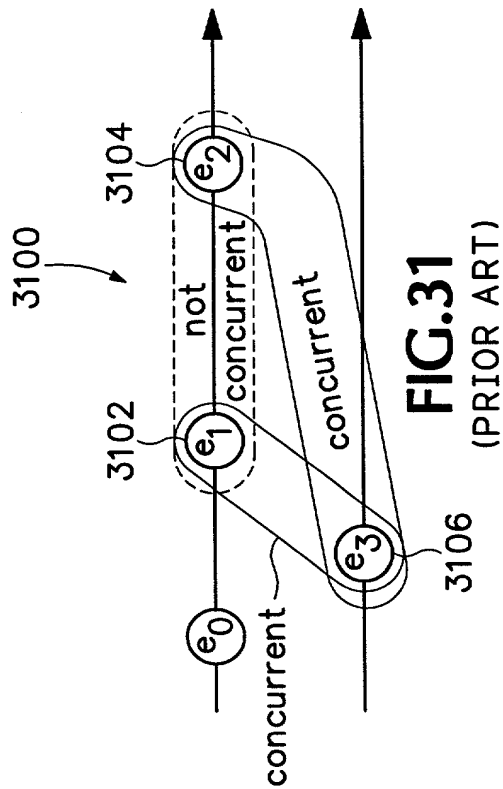


FIG. 30

(PRIOR ART)



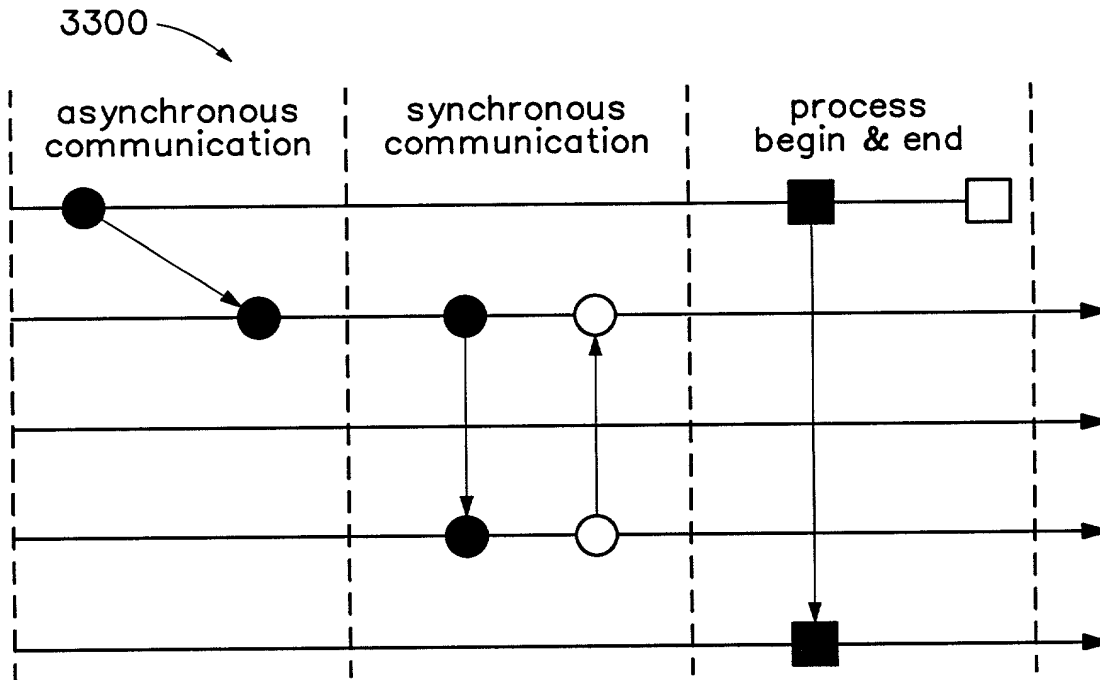


FIG.33
(PRIOR ART)

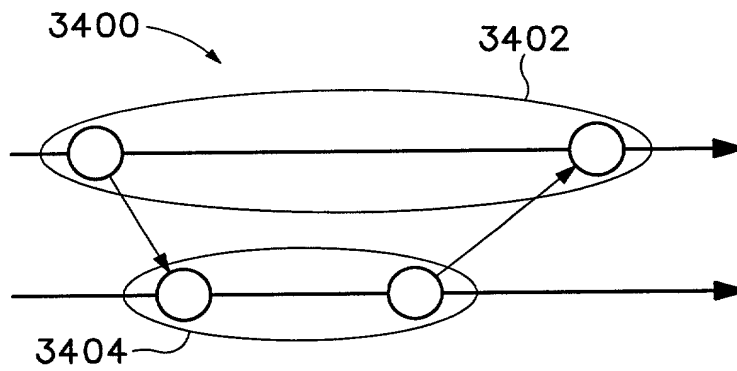


FIG.34
(PRIOR ART)

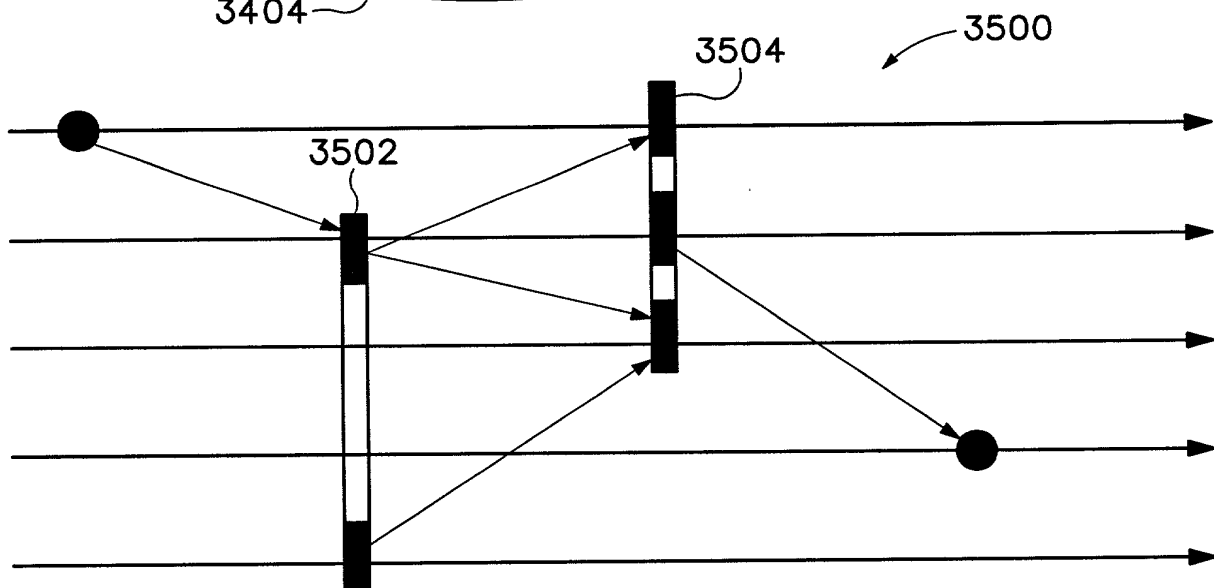
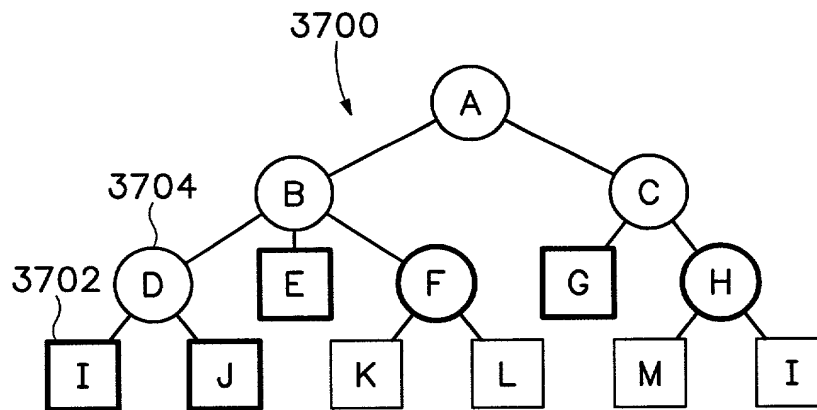
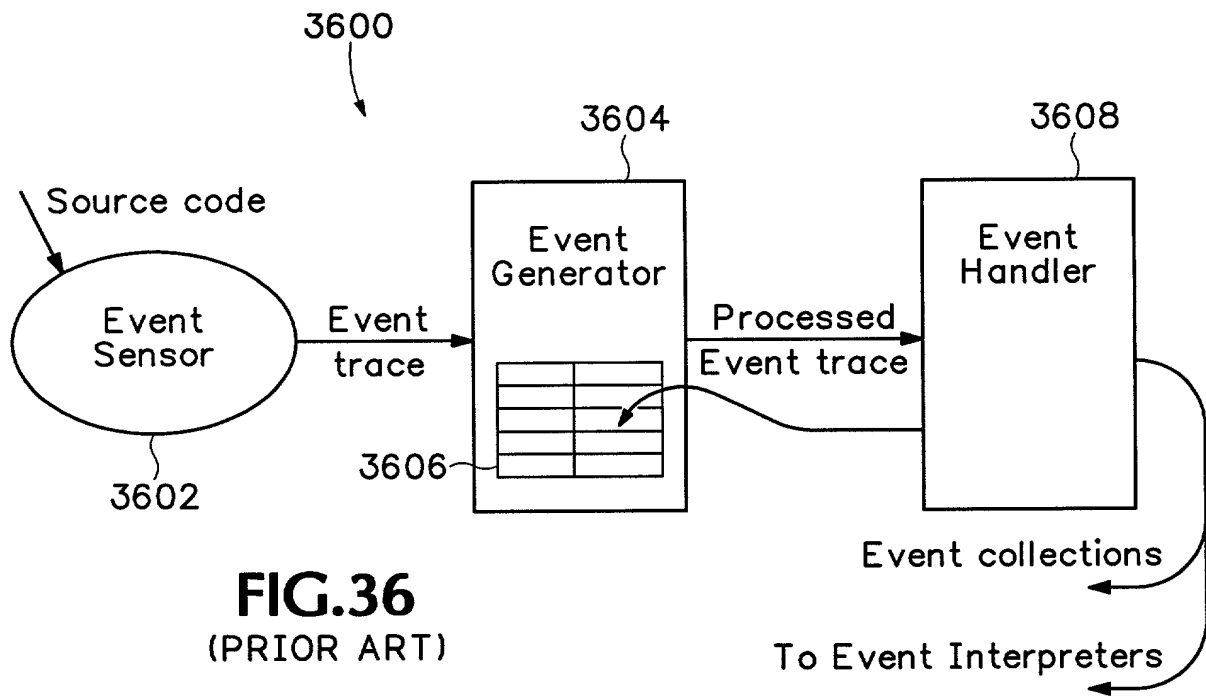
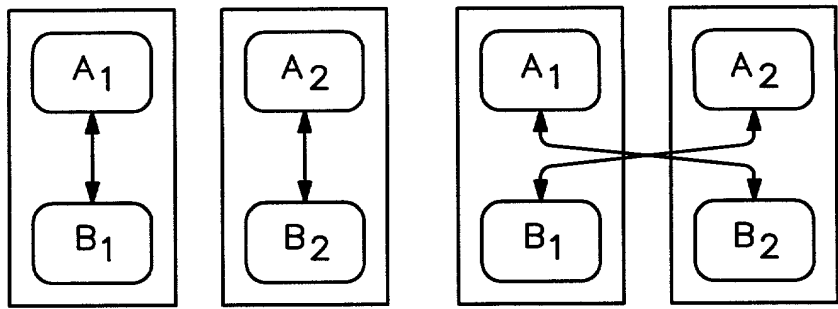


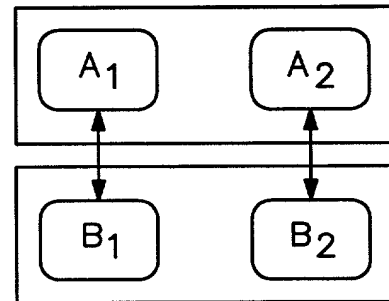
FIG.35
(PRIOR ART)





(a) Cohesion(P) = 1.0
Coupling(P) = 0.5

(b) Cohesion(P) = 0.0
Coupling(P) = 1.0



(c) Cohesion(P) = 1.0
Coupling(P) = 0.5

FIG.38
(PRIOR ART)

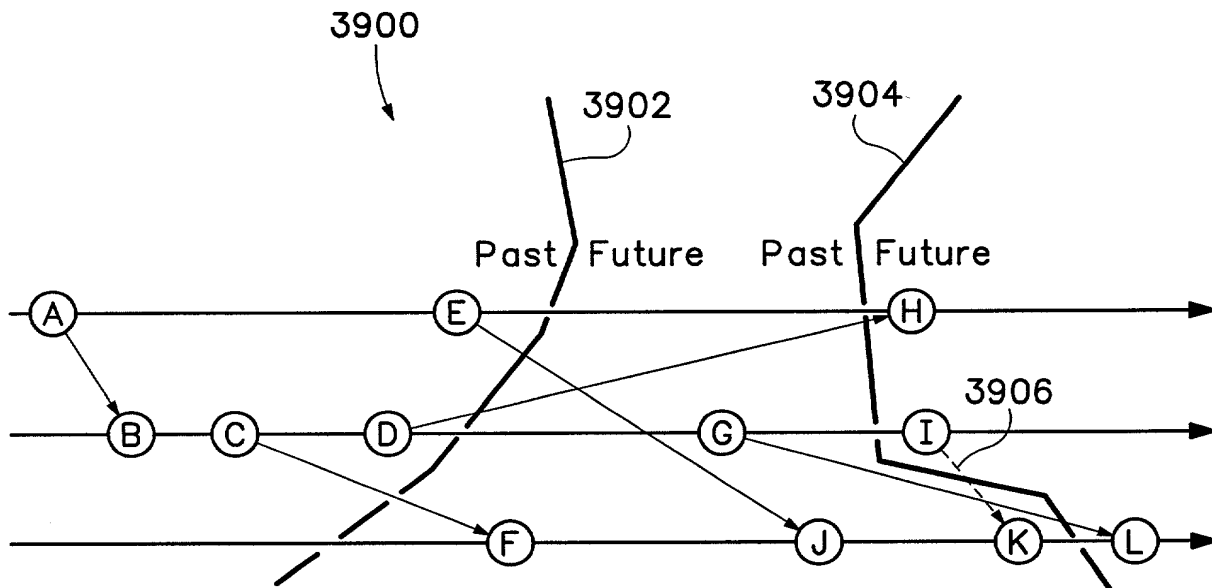


FIG.39
(PRIOR ART)

FIG. 40 (PRIOR ART)

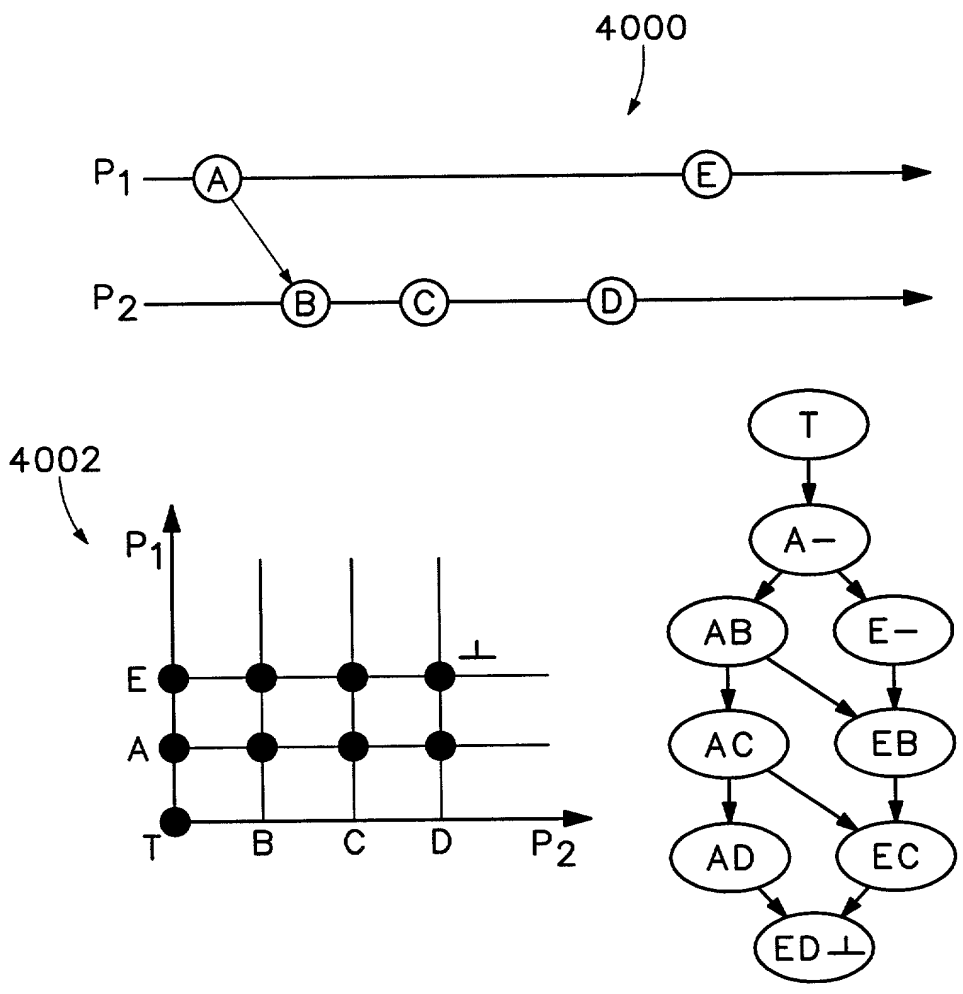


FIG.40
(PRIOR ART)

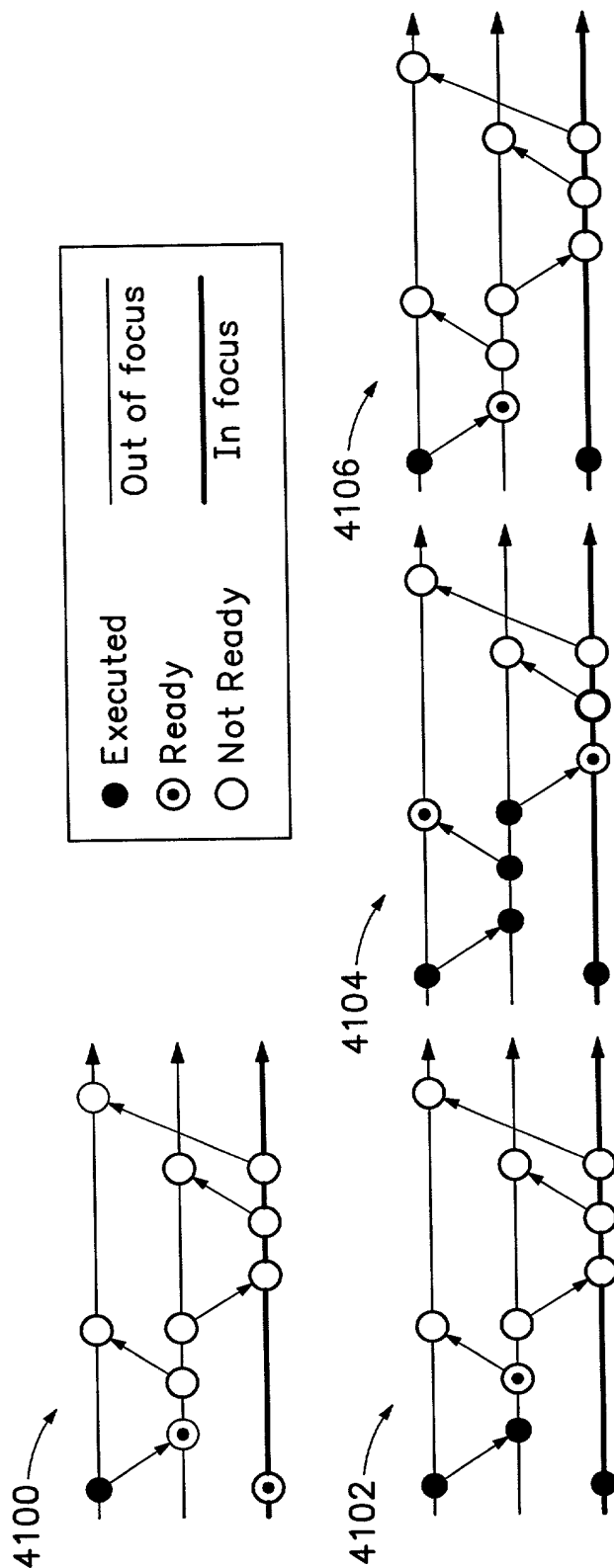


FIG.41
(PRIOR ART)

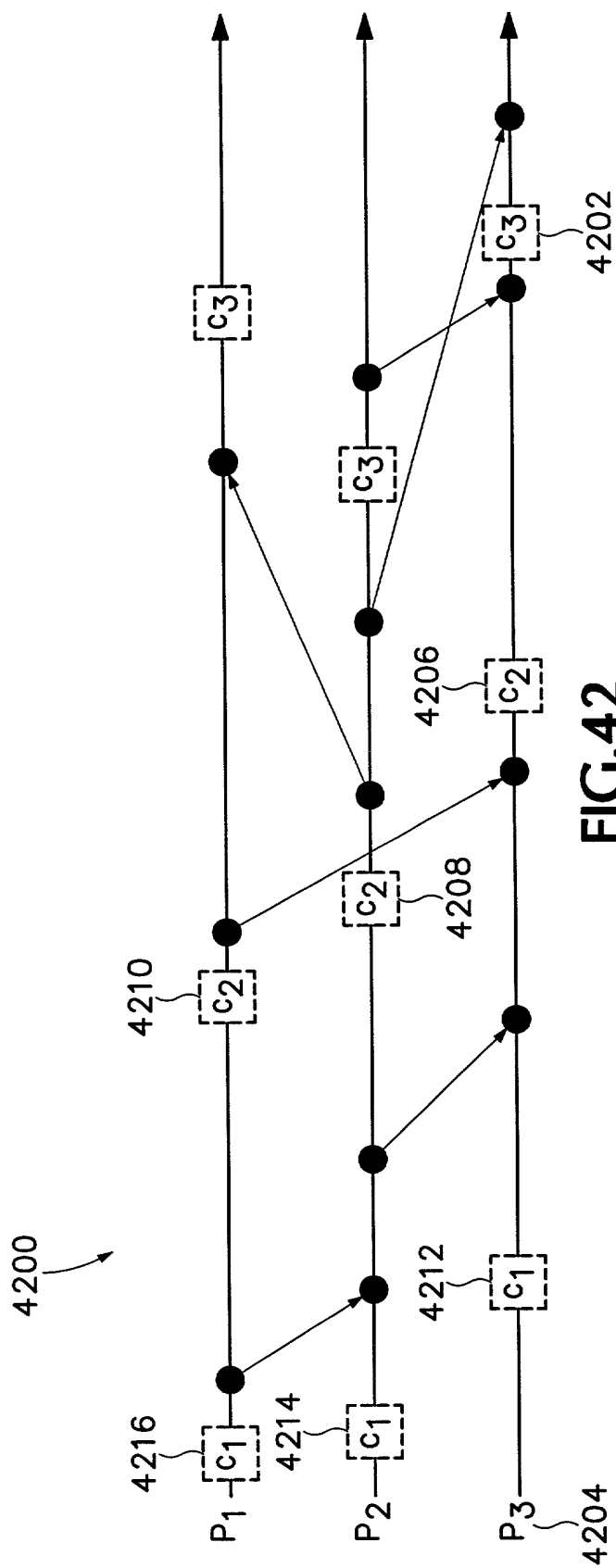
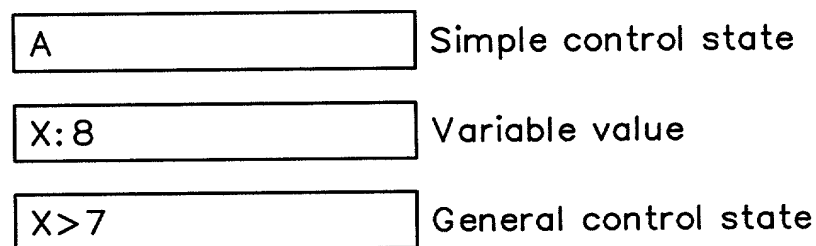
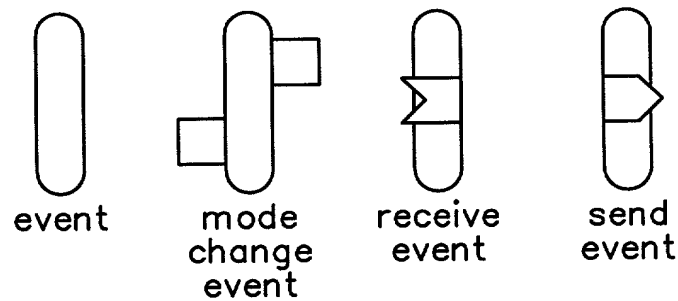
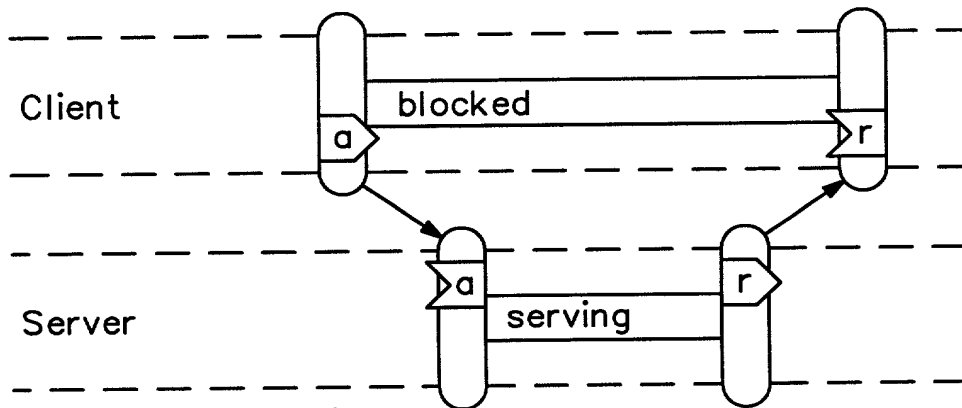
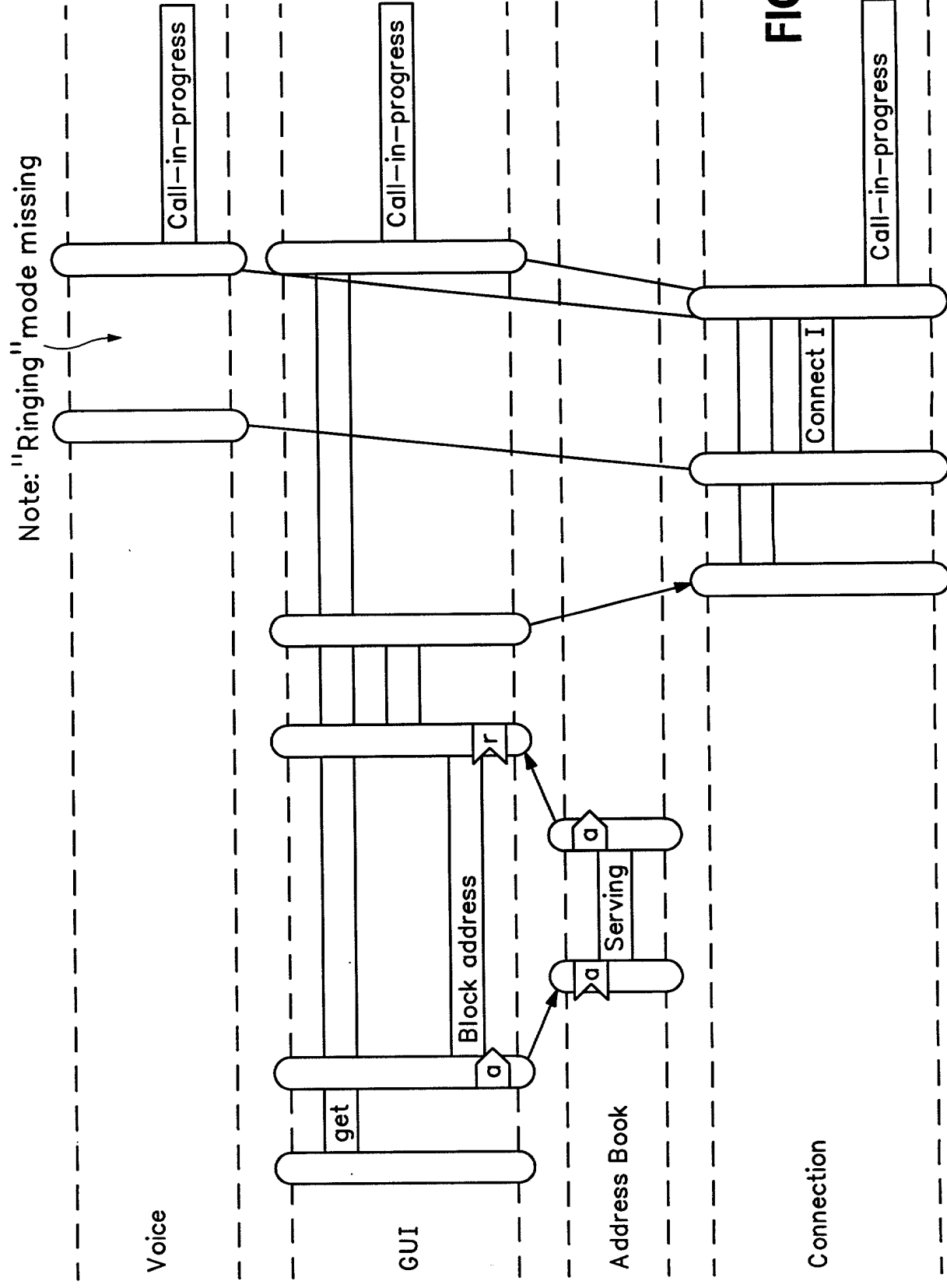


FIG. 42
(PRIOR ART)





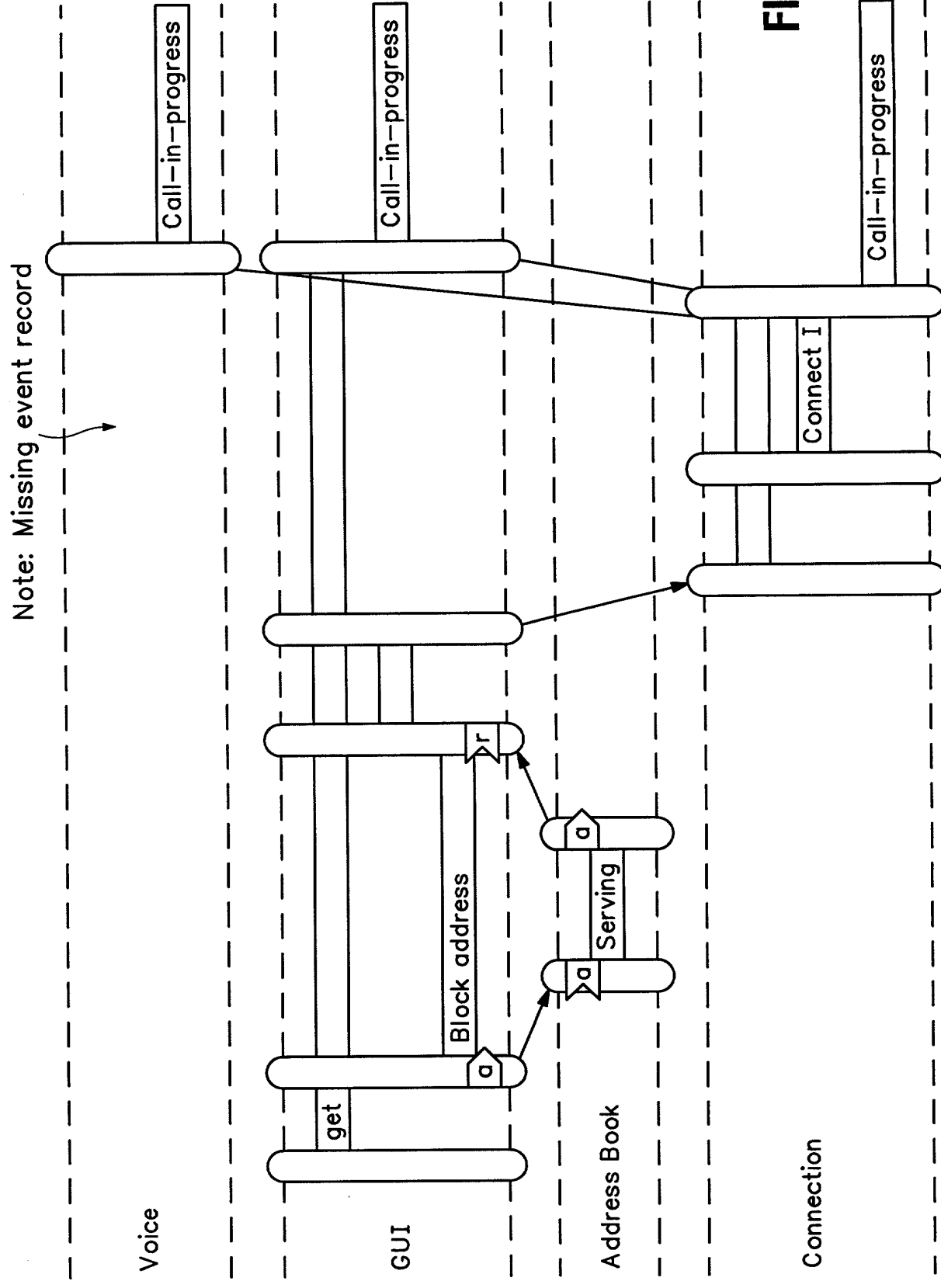


FIG. 47B

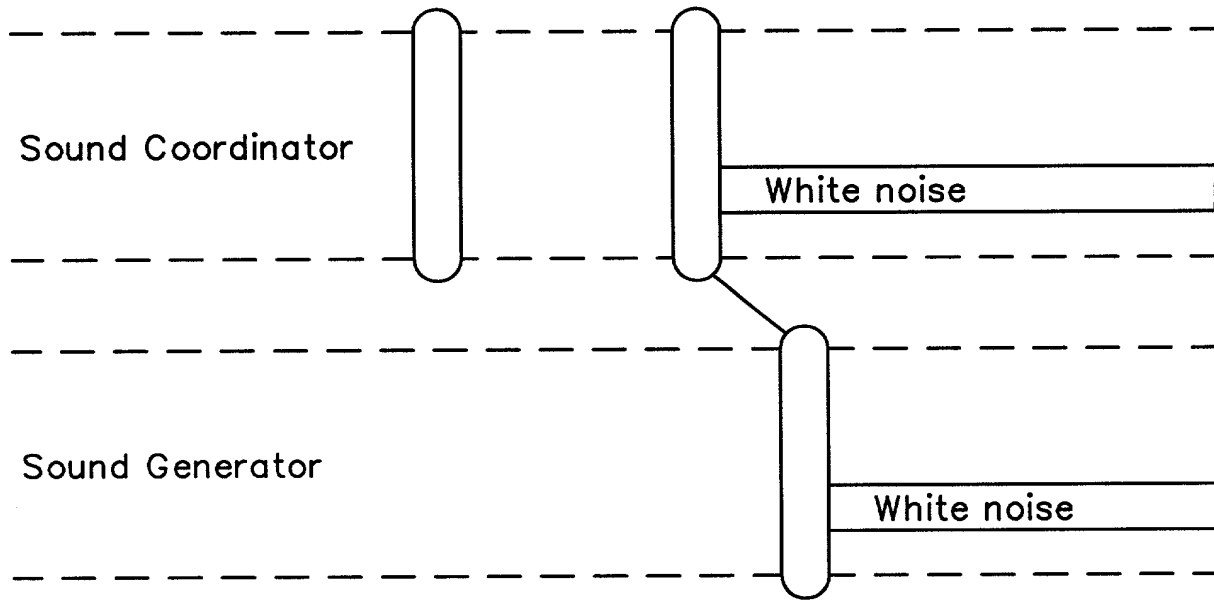


FIG.48

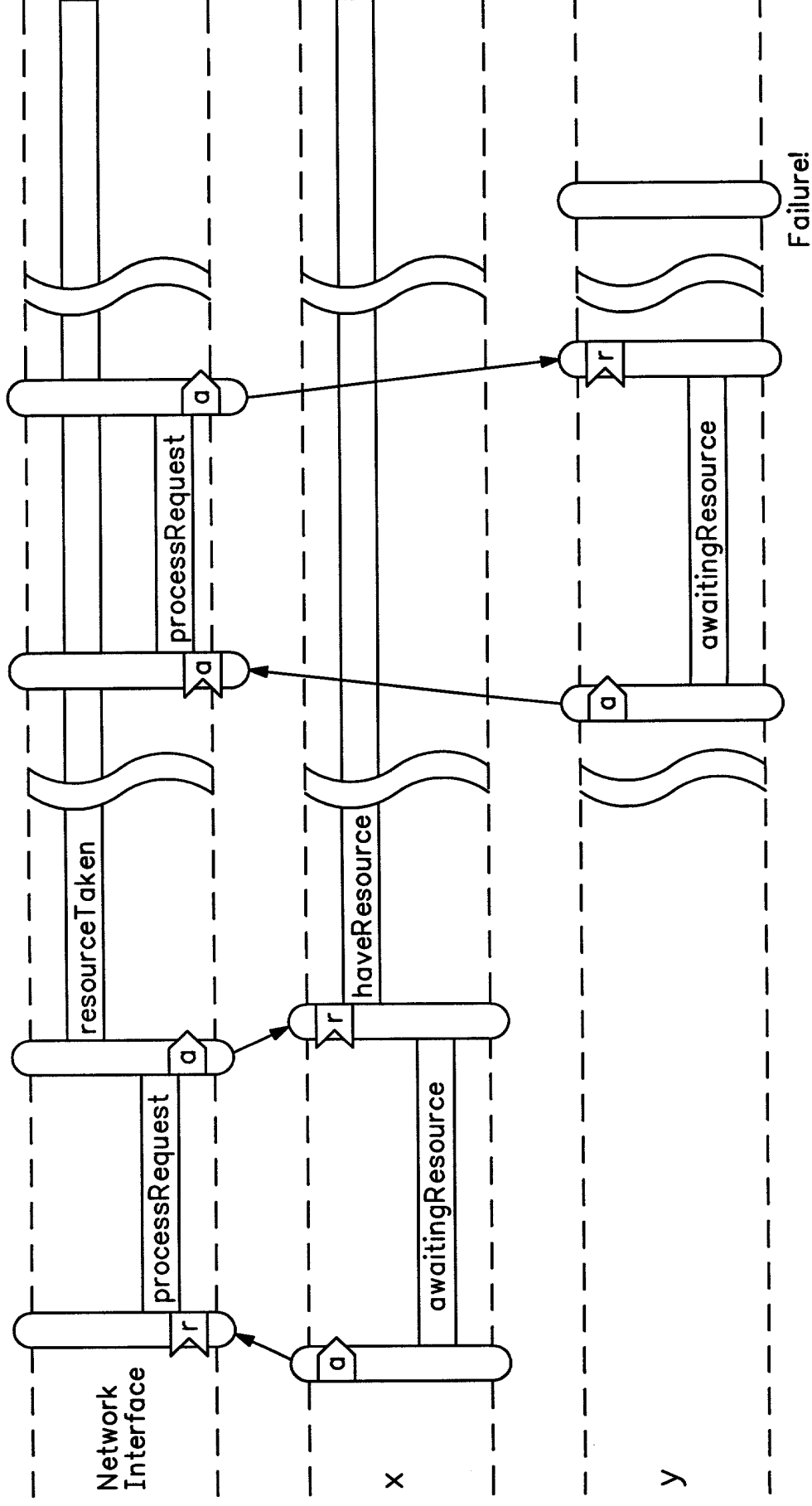
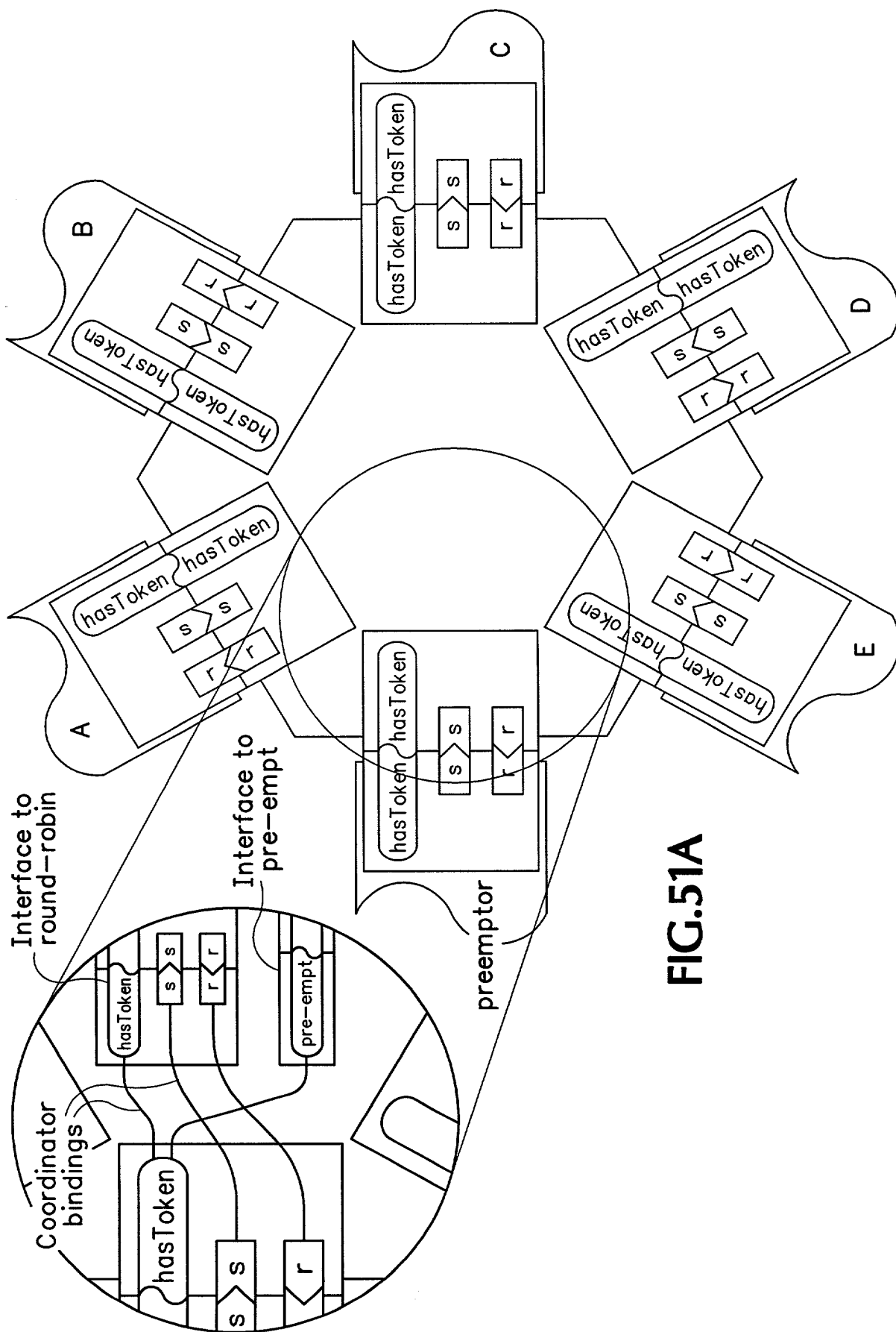


FIG.50



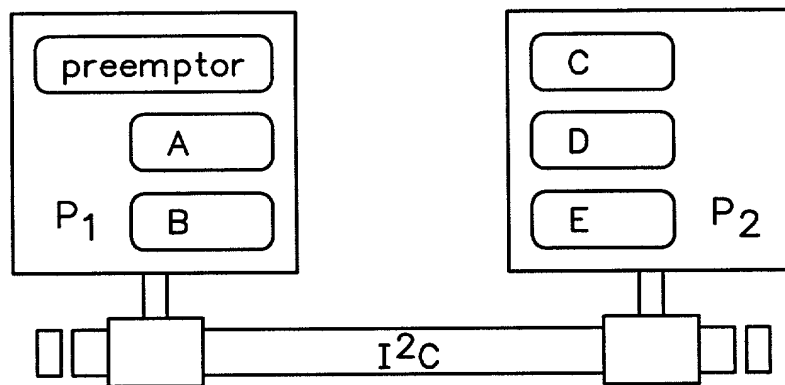


FIG.51B

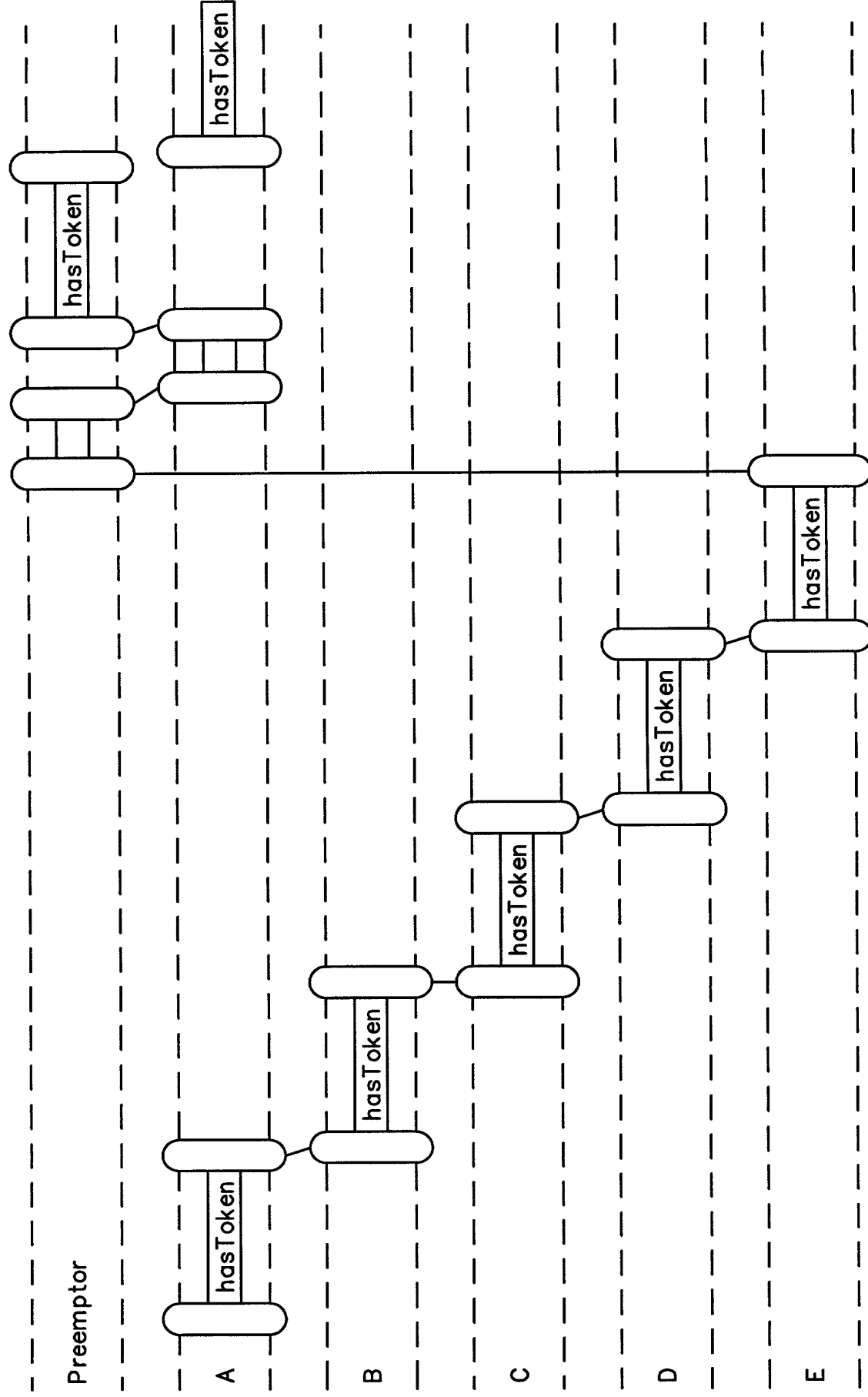


FIG.52A

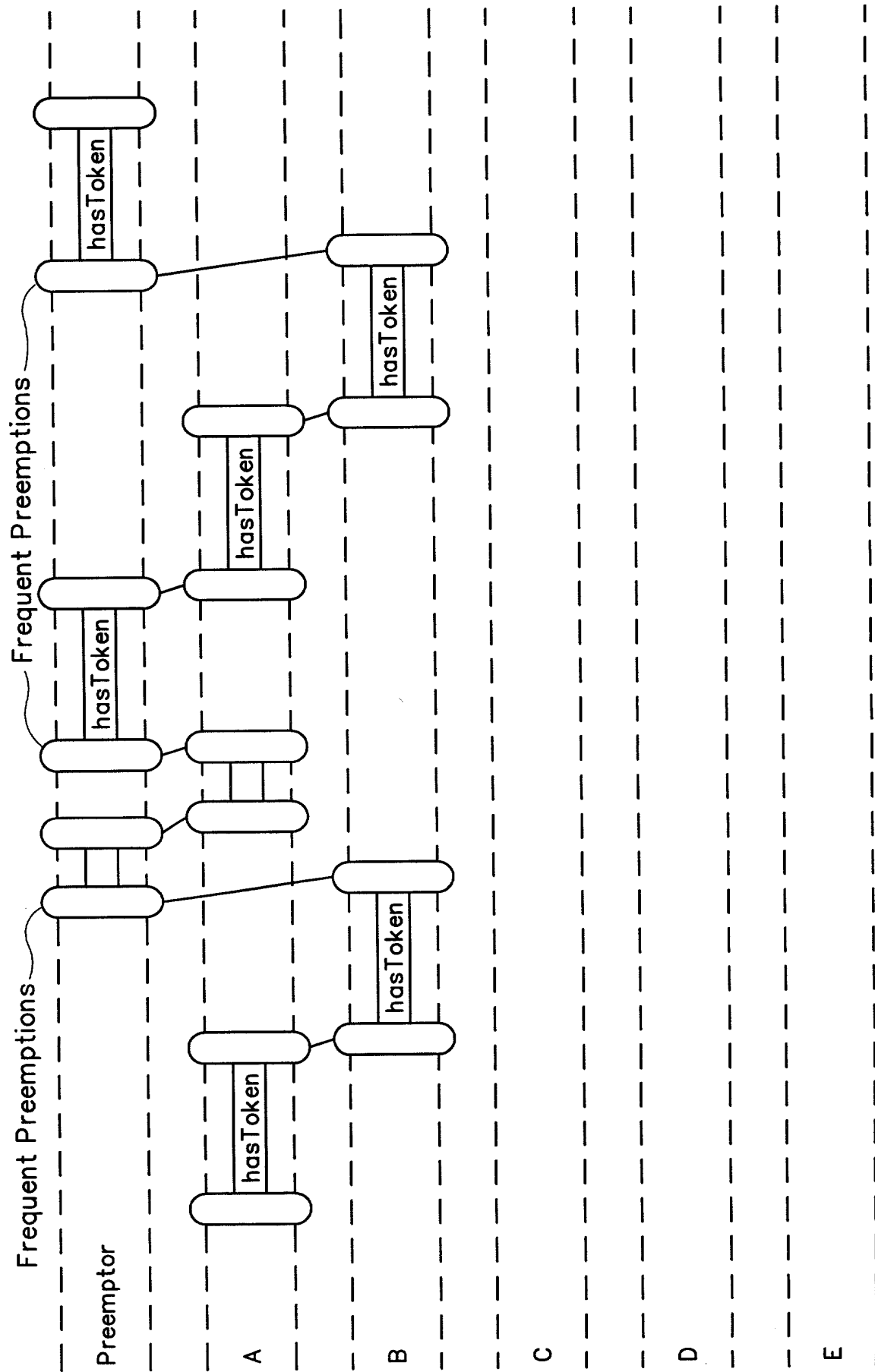


FIG. 52B

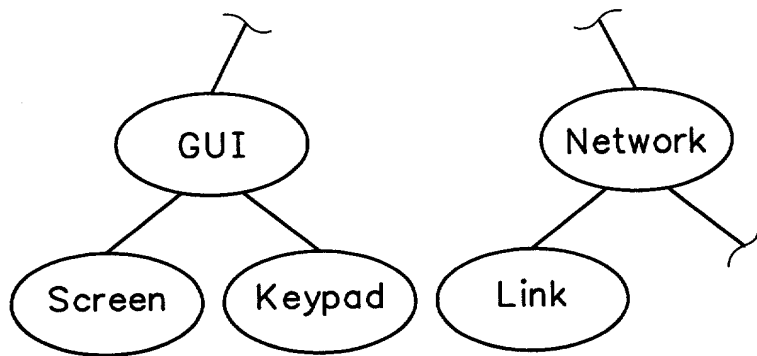


FIG.53A

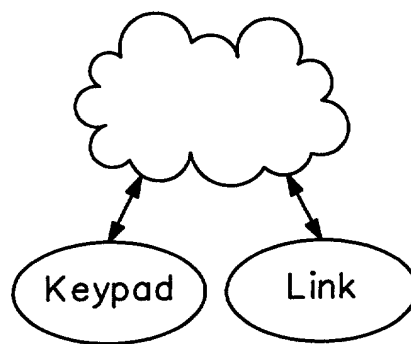
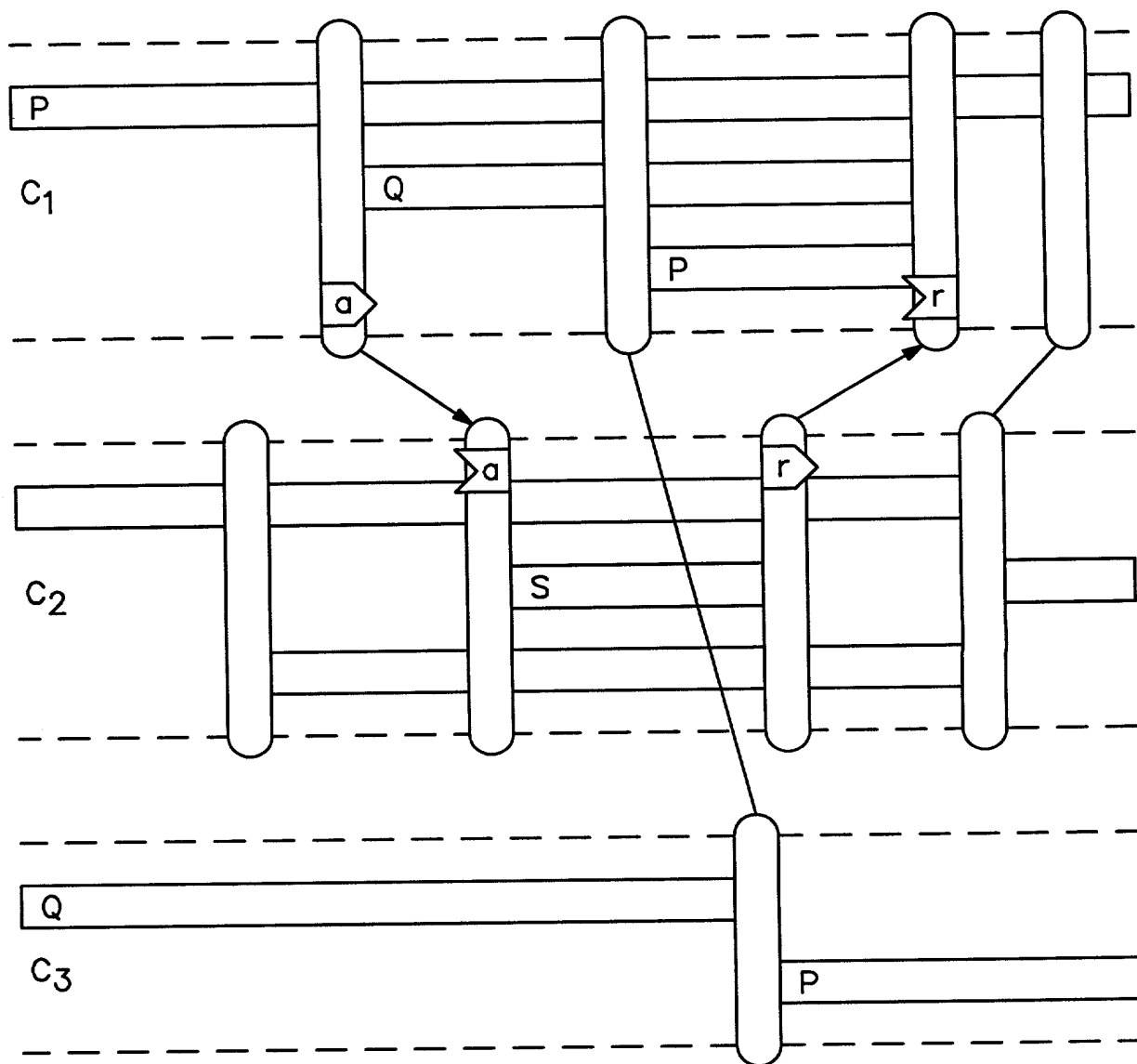
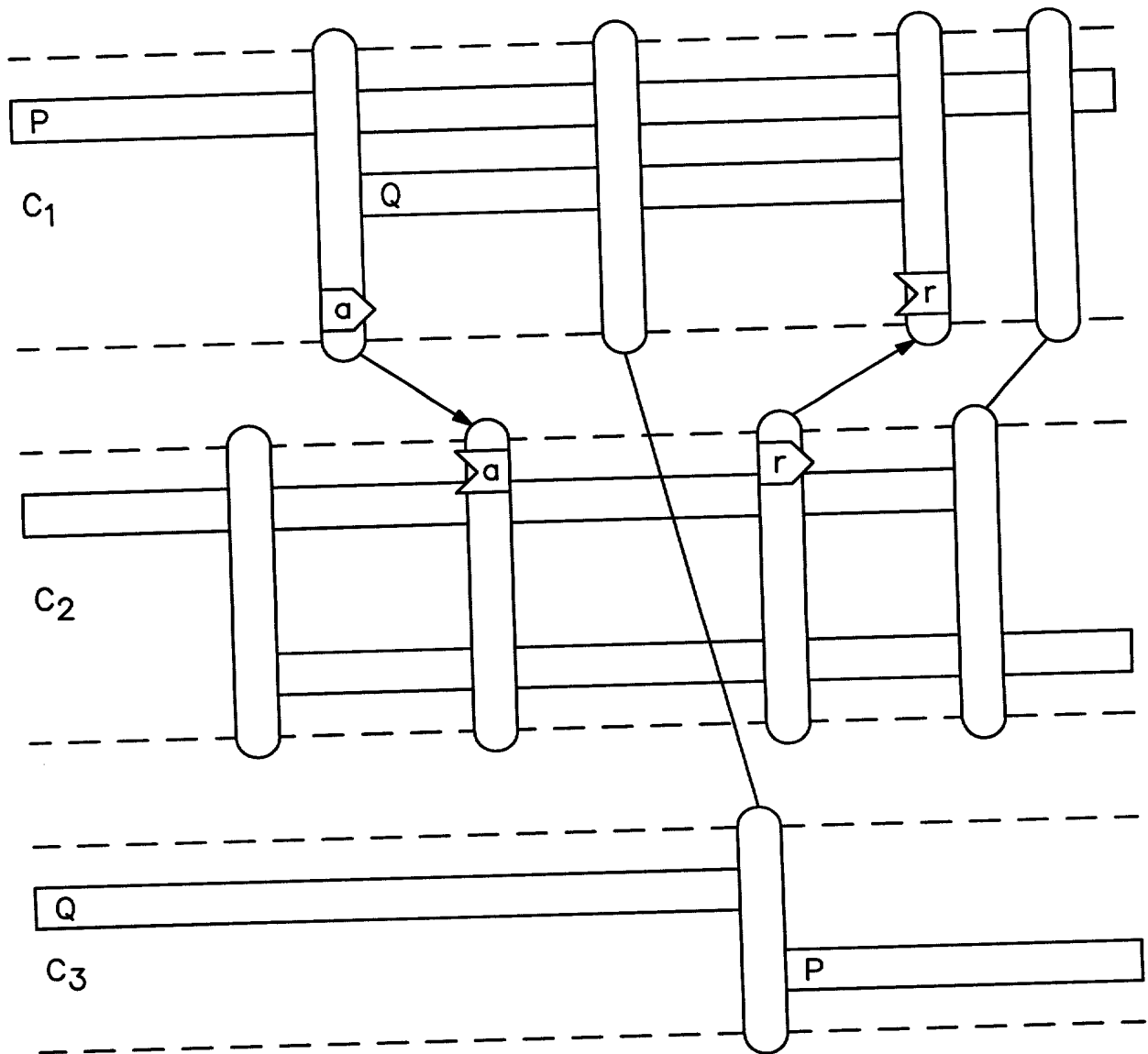


FIG.53B



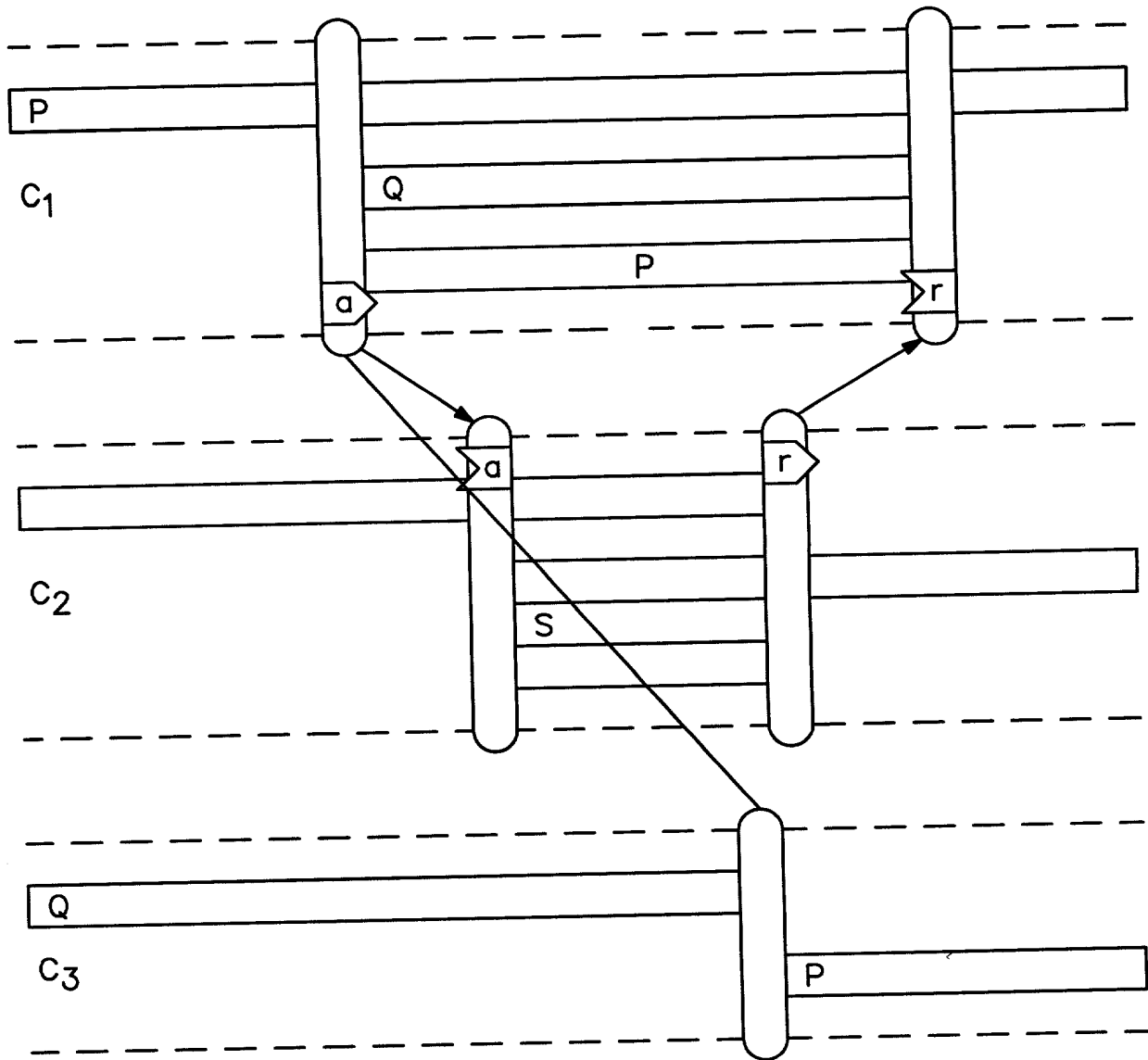
Complete evolution diagram

FIG.54A



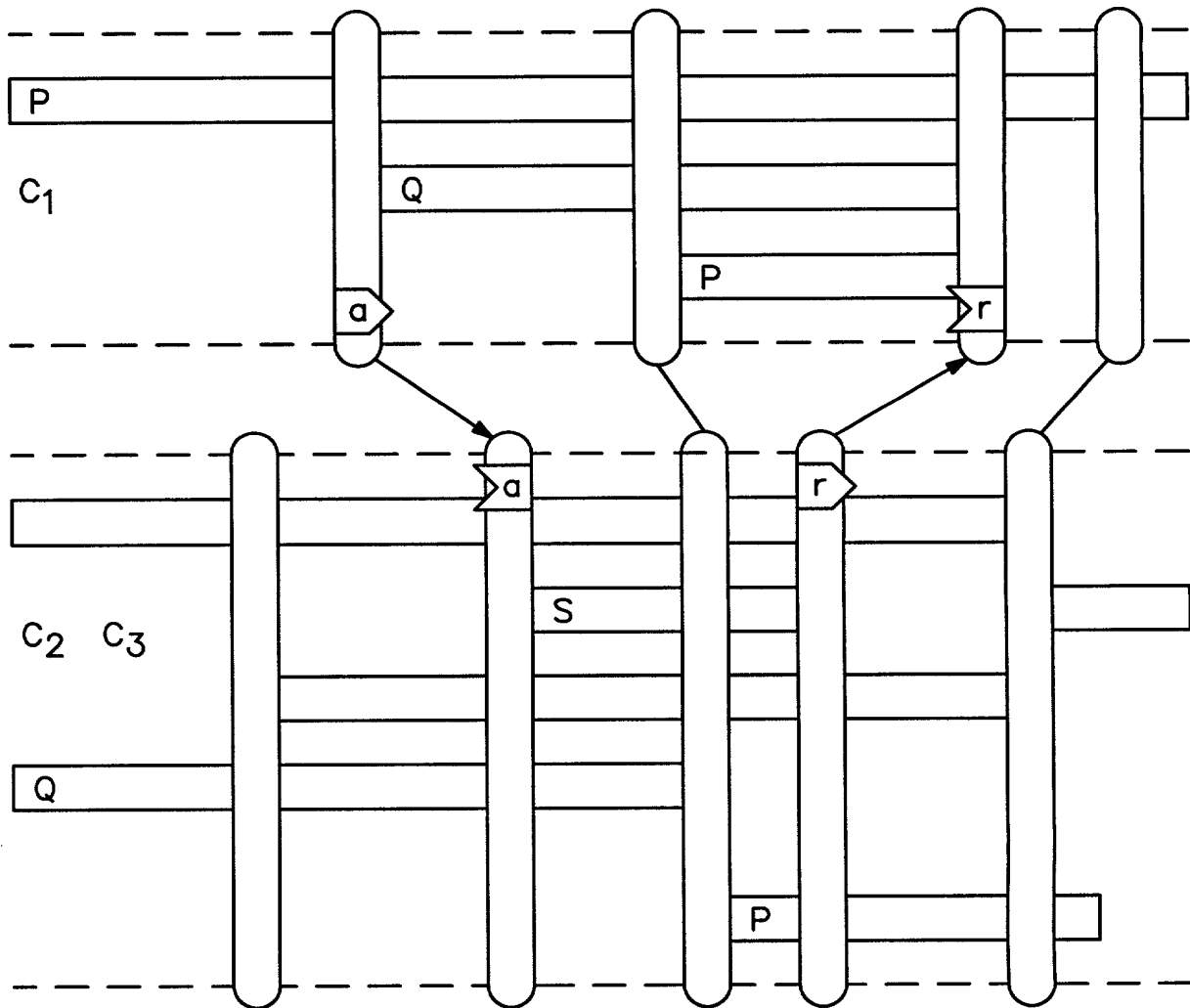
After states on C_2 's middle and bottom trace are clustered

FIG.54B



After some of C_1 's
events are clustered

FIG.54C



After components C₂ and C₃
are clustered

FIG.54D

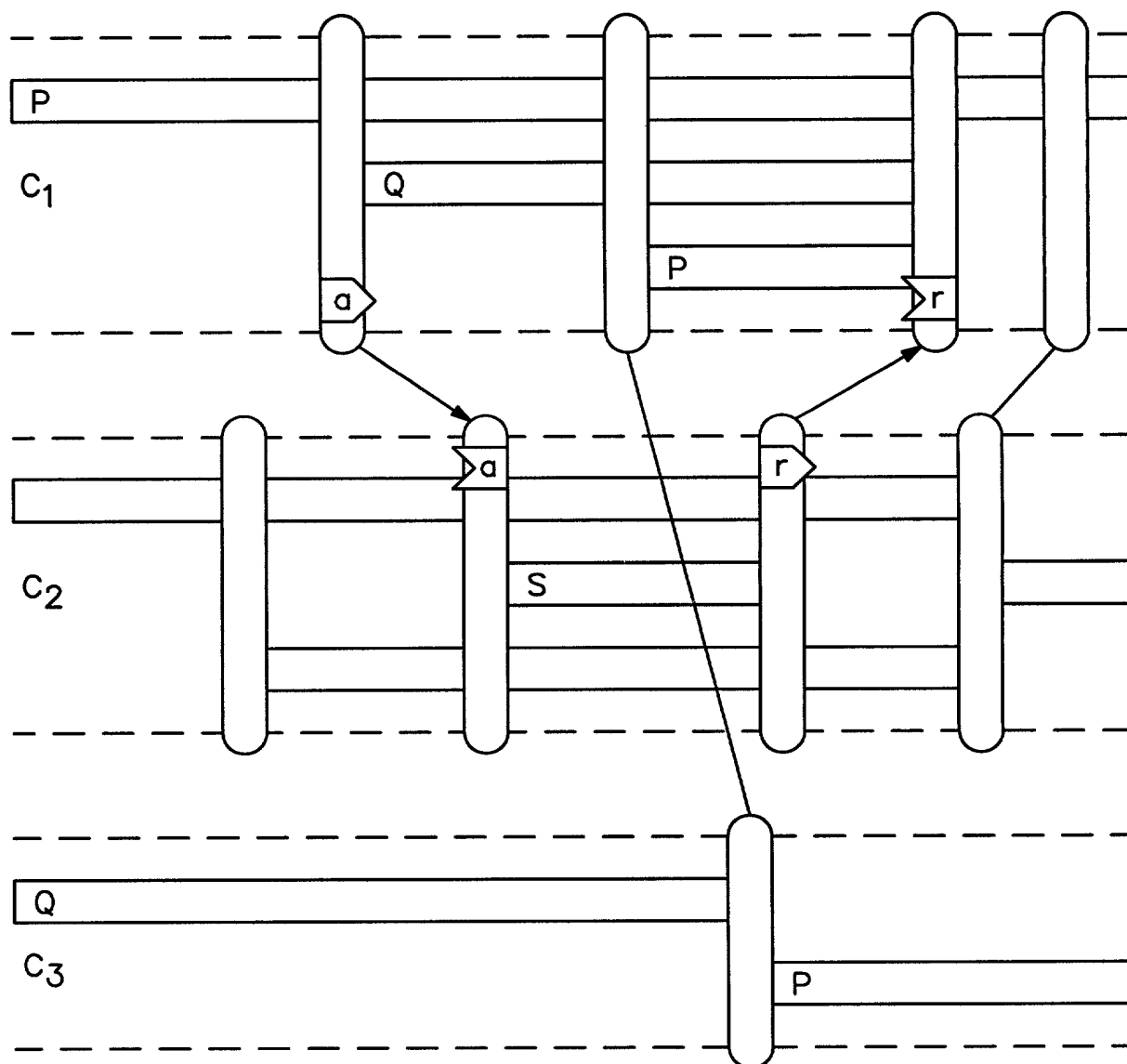


FIG.55A

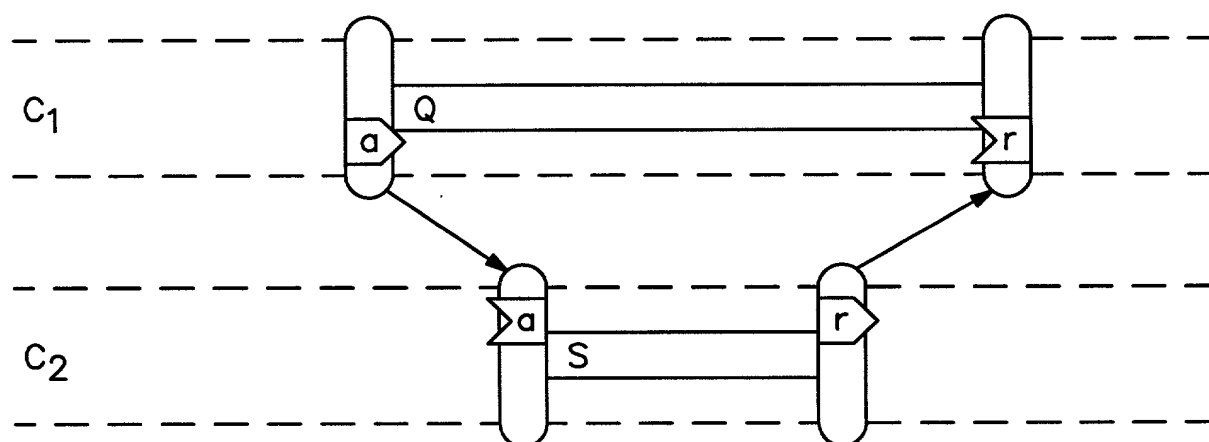


FIG.55B